

CREATIVE COLLISIONS

ECSITE ANNUAL
CONFERENCE
7-9 JUNE 2018

GENEVA
SWITZERLAND

THE EUROPEAN
SCIENCE COMMUNICATION
CONFERENCE
#ECSITE2018

GREETINGS
CREATIVE COLLISIONS
DAY PLANNER

TUE 5
WED 6
THU 7
FRI 8
SAT 9

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GENEVA MICROGUIDE
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ABOUT ECSITE
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Herbert Mnder
Ecsite President
General Manager, Universum Bremen
Bremen, Germany



Catherine Franche
Ecsite Executive Director
Brussels, Belgium

Greetings

The stage is ready for the largest professional science communication event in Europe: the Ecsite Annual Conference. Welcome to its 29th edition, hosted by the Natural History Museum of Geneva, in partnership with CERN, University of Geneva ScienScope, and Campus Biotech.

Together, the local hosts, the Ecsite Annual Conference Programme Committee and the 400 speakers who submitted a successful session proposal have carefully crafted a rich programme of stimulating sessions, intense networking and friendly social events. The strength and beauty of the Ecsite conference lies in the balance between spotless planning and spontaneity: we're giving you and 1,000+ enthusiastic others a fully kitted stage and a solid narrative canvas, now make your own story! Pick from 100+ workshops and panels, lunch with new contacts, dine with old friends, meet new partners at the Business Bistro, discover the Natural History Museum's and CERN's exhibitions, tinker at the MakerSpace, play at the GameLab, and don't miss keynote speeches by James Beacham and the Enders sisters on Friday and Saturday.

True to this year's "Creative Collisions" theme and to the conference's renowned openness, make space for the unexpected in your conference script. This is a safe place to go out of your comfort zone. Talk to strangers, ask and welcome challenging questions, share successes and failures, attend sessions on topics you know nothing about, try new technologies...

Before we lift the curtain, let us give our warm thanks to all those who make the conference possible: the speakers and convenors, the local Organising Committee, Business Bistro exhibitors, faithful sponsors, the Annual Conference Programme Committee and, of course, the Ecsite members who offer this yearly gathering to the wide science engagement community.

Good to have you here

Welcome to the first ever Ecsite Annual Conference in Switzerland!

Geneva is a very cosmopolitan city, ideally situated at the heart of Europe. Today, 43 per cent of the city's inhabitants are foreigners, enhancing the remarkable cultural diversity expressed in Geneva's exemplary openness to the world. Also known as a City of Peace and Sustainability, Geneva is home to the European headquarters of the United Nations. With its ideal location in a spectacular setting, Geneva is a welcoming, human-sized city, with a unique density of world-renowned scientific and cultural institutions and venues, such as CERN, the University, the Campus Biotech, the Natural History Museum and the Conservatory and Botanical Garden.

With its 500-year tradition of science education, Geneva is home to a vibrant scientific community, deeply embedded in the city's cultural landscape and offering numerous exciting initiatives involving the public in science.

Get ready for creative highlights! The Jet d'Eau - Geneva's most photographed landmark; the Palais des Nations - symbol of Geneva as a capital of peace; the monumental Reformation Wall; and more than 40 museums and cultural centres in only 2.5 km².

Get ready for creative surprises! A typical Swiss Gala Dinner with a cheese fondue party in an ice rink; a rich and exciting programme for the Nocturne at the Natural History Museum; and a wonderful evening dancing at the BFM, one of the most famous historical industrial buildings of Geneva, located on the Rhone river.

Very proud and delighted to welcome you to Geneva!



Jacques Ayer
Director, Natural History Museum of Geneva,
Geneva, Switzerland

An abstract graphic featuring a large white circle in the center. To the left of the circle is a large, textured teal splash. To the right of the circle are several concentric, semi-circular bands in shades of teal and dark blue. The background is white.

CREATIVE COLLISIONS

In a society where thoughts, words and deeds are increasingly standardised, placing different worldviews on a collision course can be a source of innovation and creativity. Collisions are not necessarily destructive: they can produce new elements, forms, knowledge and energies.

Science engagement offers a unique space to experiment with new creative collisions between science and society, experts and amateurs, science and politics, art and science, nature and culture, science and faith, real and virtual, old and new. “Creative collisions” is a stimulating concept that can help us reinvent communication, teaching, learning, and thinking!

LGBT STEM DAY



Announcing the
First International
LGBT STEM DAY
5th July 2018

Join the global push to increase visibility,
improve representation, and strengthen
support for LGBT+ people working in STEM.

FIND IDEAS, PROJECTS AND ACTIVITIES BY:

-  Following #LGBTSTEMday on Twitter, Facebook and Instagram
-  Visiting prideinstem.org/lgbtstemday
-  Contacting lgbtstemday@gmail.com

Supporters:



LGBTQ CERN



An initiative of:



Up to eleven sessions are taking place in parallel at any one time.
To help you navigate the programme, each session is labelled with...

Session formats

DROP-IN SPACE OR SESSION

The most informal format possible, as participants are free to come and go at any time during the session slot. Usually involves self-directed activities like games.

KEYNOTE

All attendees get together to hear one or two prominent speaker(s) present their views for 45 minutes, followed by 15 minutes of questions. Only two keynotes, at 10.30 on Friday and Saturday.

PANEL

The convenor introduces the speakers who then present their views to the audience. There is time for discussion with participants at the end of the session.

PECHAKUCHA

20 slides are shown for 20 seconds each. This format keeps presentations concise and fast-paced.

PRE-CONFERENCE WORKSHOP

Whole-day sessions, only on Tuesday and Wednesday. Allow participants to dig deeper into specific topics. The only conference sessions to require advance registration.

REVERSE

The aim is to give attendees a chance to actively participate in discussions with speakers. The speakers and one moderator guide the session following a short introduction to the topic.

WORKSHOP

Structured for in-depth exploration of one topic. The session is practical, interactive and actively involves all participants. A workshop can be a science demonstration, a game, a show, a short training course...

One or two keywords

BUSINESS & FUNDRAISING
COLLECTIONS
EQUITY & INCLUSION
EXHIBIT DEVELOPMENT
EXPLAINERS & VISITOR SERVICES
LEARNING
MARKETING & COMMUNICATION
RESEARCH, THEORY & EVALUATION
SCIENCE & SOCIETY
STRATEGY & VISION

Special labels

(for some sessions only)

● FOUNDATIONS

newcomers and beginners should start here

▲ EDGY

contents or format will surprise conference regulars

■ KEYNOTE

everyone else will be here to listen to these inspiring speakers. Can't miss it.

A room hashtag

If you're active on Twitter, use #Ecsite2018 AND the hashtag of the room you're currently in. This allows fluid conversations – otherwise tweets from all parallel sessions are jumbled up together!

TUE5 DAY PLANNER

Pre-conference workshops

9:00 - 17:45

ROOM

● Research & evaluation: beginner's guide & deeper understanding
Organised by the Research and Evaluation Group

03

● Developing inquiry-based workshops for high-school students

04

Space for life: engaging audiences
Organised by the Space Group

06

● Marketing: data-based audience development and branding

13

Live action games: a tool for emotion and content communication

18

11:00 - 11:30 Coffee break

13:15 - 14:30 Lunch break

15:45 - 16:30 Coffee break

18:30 - 19:30 "Animal Beauty" exhibition opening

History of Science Museum

WED6 DAY PLANNER

Pre-conference workshops

9:00 - 17:45

ROOM

● Research & evaluation: beginner's guide & deeper understanding - Day 2

03

Social inclusion, equity & diversity: time for change

04

Developing successful science games

18

Experience design in practice

NATURAL HISTORY MUSEUM

Space for life: engaging audiences - Day 2 (excursion: leaving at 8.00)
Excursion, leaving from the CICG at 8:00

EXCURSION

When faith and facts collide
Organised by the Nature Group

CONFERENCE ROOM
NATURAL HISTORY MUSEUM

11:00 - 11:30 Coffee break


13:15 - 14:30 Lunch break

15:45 - 16:30 Coffee break

18:30 - 19:30 Speakers' Reception

CERN

C 16:30	B 14:30	A 12:00	ROOM
Exhibition narratives: latest developments	▲ Tips for 21st century managers	▲ A conversation with the younger me	01
Meet the Joint Research Centre	● Space and the Sustainable Development Goals	Partnering with universities	03
▲ Empowering growth and leadership: towards gender equity in your institution	Outreach: new practices	Reconciling innovative exhibit design and the demands of today's compensation culture	04
▲ Science engagement cooperation in the Euro-Mediterranean & Middle East	● Evaluation for beginners	▲ Empowering society through science communication	05
Tricks & trucks : keys of success for international travelling exhibitions	What's new in touring exhibitions - 2	What's new in touring exhibitions - 1	06
▲ The metaphor factory	▲ Communicating the new quantum revolution	Challenging our brains to come up with new ideas	13
A decade of RRI: stepping stones or erratic rocks?	● Science shops: participatory innovation, research and equity	Private companies: how far can we take our collaborations?	15
Bring on the professionals!	Catalysts for societal challenges: really our role?	Citizen science: the new frontiers	18
Cardboard MakerSpaces and social inclusion	Drop-in and make	Introduction to the tinkering approach	MAKER SPACE
Game Maker Challenge, or Help I need a game!	Test MassAffect, a digital collaborative game	Test the CERN LHC Interactive Tunnel	GAME LAB

THU 7	DAY PLANNER	
8:00	Newcomers breakfast	CICG Convention Centre 17 Rue de Varembe
9:45	Opening ceremony	Room 01
11:00	Business Bistro opening	
12:00	A	
13:15	Lunch break	
14:30	B	
15:45	Coffee Break	Business Bistro
16:30	C	
19:30	Gala Dinner	Les Vernets ice rink

D 17:00	C 14:30	B 12:00	A 9:00	ROOM
	Citizen science on trial	▲ Conversation with James Beacham	Escape games: an inspiration for science communication?	01
Multi-country science engagement programmes	● Virtual reality: pros and cons for science communication	▲ Public engagement with evolution: beyond graffiti and genes	▲ Technology advocates or whistle blowers?	03
Towards more efficient cooperation contracts	The exponential potential of narrative - Part 2	▲ The exponential potential of narrative - Part 1	● Visitor research: the methodological mash-up	04
● Scientists as explainers: pros and cons	Stakeholder interaction platforms: lessons learnt	Orchestrating profound object-based learning	● How to create an inclusive exhibition for younger children	05
▲ Analysing visitors' conversations	Mathematical interactive exhibits and bodily engagement	Art as agent of change for our institutions	▲ Humans versus machines: Who is the better museum mediator?	06
Displaying live animals in museums	Project showcase	▲ Learning to grasp the future: a simulation tool	Small and big sins of science communication	13
The pleasure of conversation: a tribute to Wagensberg	Bringing informal and formal science education closer together	Strengthening school visits to our exhibitions	SwafY – Science with and for Youth	15
Transitioning tinkering to the classroom	Spurring interest with discrepant events	Evaluating museum apps	● Transitioning tinkering to the classroom: setting the stage	18
Drop-in and make	Hacking games with Strawbees	Computational Tinkering	Drop-in and make	MAKER SPACE
Game Maker Challenge, or Help I need a game!	Four mixed reality games for learning science	▲ Escape room demonstration	Drop-in and play	GAME LAB
● Book Bistro				BUSINESS BISTRO

FRI 8	DAY PLANNER	
8:00	Breakfast with the Ecsite Board	CICG Convention Centre 17 Rue de Varembe Exclusive for Ecsite members
9:00	A	
10:30	Keynote - James Beacham ■	Room 01
11:30	Coffee Break	Business Bistro
12:00	B	
13:30	Lunch break	
14:30	C	
15:45	Coffee Break	Business Bistro
15:45	Ecsite Annual General Meeting	Room 01 Exclusive for Ecsite members
17:00	D	
18:00	Business Bistro Happy Hour	
20:00	Nocturne	Natural History Museum of Geneva 1, Route de Malagnou

D 16:30	C 14:30	B 12:00	A 9:00	ROOM
Resilience: from adversity to new strengths	▲ Science centres: the next 50 years?	▲ Can you feel it? A science revival meeting	Serious game changer	01
The quintessential pub quiz	▲ For adults only: adult science capital	▲ Curiosity! Buzzword or holy grail?	▲ Science communication in the post truth world: a workshop	03
Delicious science	▲ Purposeful brands and science engagement: common ground for social impact?	The value of rapid prototyping	Inclusion: aligning strategy and practice	04
Balancing construction works and visitor satisfaction	Science centres as innovation platforms	Strategies to engage people with disabilities	When urban nature meets society	05
● Novel scenarios for art and science encounters	Multicultural science: engaging diverse audiences around the world	▲ The future of science centre exhibitions	21st century skills: what mechanisms foster them?	06
Coordinating national initiatives of science communication	▲ Political compromises: the right balance	Hacking the hackathon	Team creativity and facilitation techniques: expand your toolbox	13
Recontextualising collections	▲ DIYBio at museums and science centres	● Know and understand your customer. And deliver?	● Outreach in the MENA region: challenges and opportunities	15
▲ Think big, be small	Offering alternative creative learning spaces	Outreach Maker activities for rural and urban use	The city: an arena for new forms of science communication	18
Drop-in and make	Cardboard and marble madness	Drop-in and make	Designing tinkering activities	MAKER SPACE
Game Maker Challenge, or Help I need a game!	Help us test PlayDecide	Having fun with molecules, atoms and particles	Drop-in and play	GAME LAB
		● The Grand Bazaar		MOTTA SPACE

SAT 9

DAY PLANNER

9:00	A	
10:30	Keynote - Giulia & Jill Enders ■	Room 01
11:30	Coffee Break	Business Bistro
12:00	B	
13:15	Lunch break	
14:30	C	
15:45	Coffee Break	Business Bistro
16:30	D	
18:00	Closing & handover ceremony	Room 01
21:00	Farewell Party	BFM



Guided tours of Cern exhibitions

At CERN, the European Organization for Nuclear Research, physicists and engineers are probing the fundamental structure of the universe. They use the world's largest and most complex scientific instruments to study the basic constituents of matter – the fundamental particles.

There are several exhibitions and public engagement spaces on the CERN campus. CERN is inviting Ecsite Conference participants to exclusive guided tours, including access to the "Universe of Particles" and "Microcosm" permanent exhibitions, a tour of two working sites and the possibility to pass by the CERN shop.

TOUR NO. 1 **Wednesday 6 June, 8:30 - 12:00**

TOUR NO. 2 **Wednesday 6 June, 14:30 - 18:00**

TOUR NO. 3 **Thursday 7 June, 14:30 - 18:00**

TOUR NO. 4 **Friday 8 June, 14:30 - 18:00**

TOUR NO. 5 **Saturday 9 June, 14:30 - 18:00**

Free tickets are available on a first come first served basis and can be booked in advance through a dedicated platform (you'll find the link on the Ecsite website at www.ecsite.eu/annual-conference/programme) or at the dedicated information desk on site at the CIGG convention centre.

Meet at the entrance of the CIGG convention centre at the start time: a dedicated bus will be taking you to CERN, and then bringing you back to CIGG at the stated end time. Please bring along your tour ticket AND your delegate's badge.

TUES

***Pre-
Conference***

03 | 9:00 #room03

PRE-CONFERENCE WORKSHOP
FOUNDATIONS ●

Research, theory & evaluation, Learning

CONVENOR

Marjelle van Hoorn, Head of science education & Chair of REV, Universiteitsmuseum, Utrecht, The Netherlands, @sciencemuseums

SPEAKERS

Jennifer DeWitt, Researcher, UCL Institute of Education, London, United Kingdom / **Roy Schedler**, Head of Marketing and Partnerships, Swiss Science Center Technorama, Winterthur, Switzerland
Iłona Howiecka-Tańska, Head of the Research Department, Copernicus Science Centre, Warsaw, Poland / **Nils Petter Hauan**, Head of Development, VilVite, Bergen Vitensenter AS, Bergen, Norway
Colin Johnson, Ecsite Honorary Fellow, Cardiff, United KingdomResearch & evaluation:
beginner's guide & deeper
understanding

There is a lot happening in evaluation and research. How can you find your way around it all? The first day of this two-day in-depth workshop offers an introduction and a refresher. Small group activities and inspiring talks will help you become familiar with popular methods, including questionnaires and observation techniques, from those that are simple to those that are more sophisticated.

The second day will be focusing on impact, building upon basic instruments and diving into an important trend in evaluation: the use of logic models that help us consider and assess relationships between the elements of a programme. They are also a powerful tool to evaluate whether our programmes and exhibitions are achieving their goals.

This workshop is organised by the REV Group, the Ecsite thematic group that stimulates and helps facilitate research and evaluation in science centres and museums across Europe.

04 | 9:00 #room04

PRE-CONFERENCE WORKSHOP
FOUNDATIONS ●

Learning, Research, theory & evaluation

CONVENORS

Julia Woithe, S'Cool LAB Manager, CERN, the European Laboratory for Particle Physics, Geneva Switzerland, / **Tania Johnston**, ESO Supernova Coordinator, ESO European Southern Observatory, Garching bei München Germany, @taniaj78

SPEAKERS

Anne Land, Assistant professor, Leiden University, Leiden, The Netherlands / **Jasper Bloemen**, Science educator, EKOli, Antwerp, Belgium / **Freddy Grip**, Lead Developer, Vetenskapens Hus (Stockholm House of Science), Stockholm, Sweden, @freddygrip / **Wolfgang Vieser**, Education Coordinator, ESO European Southern Observatory, Garching bei München, Germany / **Julia Woithe**, S'Cool LAB Manager, CERN, the European Laboratory for Particle Physics, Geneva, SwitzerlandDeveloping inquiry-based
workshops for high-school
students

Many science centres and out-of-school learning labs offer hands-on workshops for (high-school) students in addition to their interactive exhibitions. A common challenge is to find the right balance between open inquiry and "cookbook" type experiments to maximise the lifetime of the equipment, the motivational outcome through self-directed learning, and the learning gain through cognitively engaging activities.

At the same time, we want to keep the effort of tutors/workshop leaders at a reasonable level. How can we find this balance? What makes a good (or bad) workshop? How do we know our workshop is good? Participants at this full-day workshop will have to get their hands dirty to find answers to these questions.

06 | 9:00 #room06

PRE-CONFERENCE WORKSHOP

Science ♥ society

CONVENORS

Ana Noronha, Executive Director of Ciência Viva, Pavilion of Knowledge (Pavilhão do Conhecimento) – Centro Ciência Viva, Lisbon, Portugal
Marc Moutin, Exhibitions, Shows and Development Director, Cité de l'espace, Toulouse, France / **Maria Menendez**, Head of Corporate Exhibitions and Events, European Space Agency - ESA, Paris, France

SPEAKERS

Maria Zolotonosa, Senior Project Manager, Sparks project coordinator, Ecsite, Brussels, Belgium / **Pierre-Yves Frei**, Project officer, Natural History Museum of Geneva, Geneva, Switzerland / **Ines Prieto**, Head of International and Institutional Affairs, Cité de l'espace, Toulouse, France
Guido Schwarz, Communication and Outreach, University of Bern, NCCR PlanetS, Bern, Switzerland / **Rosa Martí**, Ciutat de les Arts i les Ciències, Valencia, SpainSpace for life: engaging
audiences

Since life on Earth is so common and resistant to extreme environments and since its chemical building blocks are found everywhere in the universe, several past and current missions have been searching for primitive life or conditions for life in the Solar System and further afield. How do we communicate these endeavours and make the most of their potential to engage audiences?

On the first day of this two-day in-depth workshop, participants will get an overview of the latest discoveries thanks to speakers from the European Space Agency (ESA) and the Swiss space community and will explore engagement scenarios on the topic.

This workshop is organised by the European Space Agency – ESA – and the Ecsite Space Group, the Ecsite thematic group that aims to improve and extend communication about space science by helping science centres, space professionals and non-specialists to develop collaborative projects and events.

13 | 9:00 #room13

PRE-CONFERENCE WORKSHOP
FOUNDATIONS ●

Marketing & communication, Business & fundraising

CONVENORS

Joanna Kalinowska, Development Director, Copernicus Science Centre, Warsaw, Poland / **Maarten Okkersen**, Head of Communications, Museum, The Hague, The Netherlands

SPEAKER

Benedicte Wolff, Retail manager, VilVite, Bergen Vitensenter AS, Bergen, NorwayMarketing: data-based audience
development and branding

Marketing and communication are changing considerably in science engagement organisations as the result of the speed of online communication, the rapid growth of technology and changes in our audiences' identity. But new technologies also provide opportunities for marketing professionals: we can use data to learn about our audiences. What are the trends and do we really know what our audiences expect from us?

By defining the collective questions in our field and exchanging ideas and resources we can create meaningful partnerships and focus for our marketing programmes. Together we'll start from the major projects we are working on: we'll focus on the biggest challenges within those projects and share our best practices. By combining these reference projects and our personal missions, we'll construct a general framework of themes and trends.

This workshop is for everyone working in science communication. People with leading positions in marketing, sales or management are specifically welcome.

CONVENORS

Fabrice Jovenot, GameLab Director - Senior Experience Designer, CRI - Interdisciplinary Research Centre, Paris, France, @DanteOnyrium (also speaker) / **Isabelle Chabanon-Pouget**, ICT explainer, universcience, Paris, France, @isa_carrnum (also speaker)

Melissa Richard, ICT explainer, universcience, Paris, France (also speaker) / **Malvina Artheau**, Development & european partnerships - RRI - LivingLab, Artheau Accompagnement, Toulouse, France, @MalvinaArtheau (also speaker) / **John Sear**, Game Designer, Museum Games, Birmingham, United Kingdom, @MrJohnSear (also speaker)

Radhika Beaume, Graphic Designer, CRI- Interdisciplinary Research Center, Paris, France (also speaker) / **Aymeric Faucher**, Software Developer, CRI- Interdisciplinary Research Center, Paris, France (also speaker)

Live action games: a tool for emotion and content communication

Positioned at the crossroads of theatre, games and personal experiences, live action games (LARPs) are powerful tools for social inclusion, decision taking and content communication. Fully immersed and emotionally engaged, players are “pushed” directly “inside” content. During this full-day workshop, we will explore ways to use LARPs for inclusion, ecology awareness, political decision making, historical contextualisation, scientific communication and more. Participants will be tackle different scenarios in order to understand game mechanics, ways to organise and develop LARP events and how to communicate through strong narratives.

This workshop is for everyone who'd like to understand, use, experience and create live action as part of their programme, whether as an expert or a neophyte. Applications: LARP, escape rooms, mixed reality experiences (with VR or AR)...

Exhibition Opening

The Natural History Museum of Geneva is pleased to invite those participants who will be around on Tuesday 5 June to an exhibition opening at the History of Science Museum, the second museum venue it is running, located on the banks of Lake Geneva. The “Animal beauty - from taxidermy to sculptor” exhibition features François Chapelain-Midy, Yvan Larsen and Thierry Jaccoud.

Please bring your delegate's badge.

***Pre-
Conference***

W
E
D
6

Excursion | 8:00

PRE-CONFERENCE WORKSHOP

Science ♥ society

CONVENORS

Ana Noronha, Executive Director of Ciência Viva, Pavilion of Knowledge (Pavilhão do Conhecimento) – Centro Ciência Viva, Lisbon, Portugal

Marc Moutin, Exhibitions, Shows and Development Director, Cité de l'espace, Toulouse, France / **Maria Menendez**, Head of Corporate Exhibitions and Events, European Space Agency - ESA, Paris, France

SPEAKERS

Michel Mayor, Astronomer and Discoverer of the first exoplanet 51 Pegasi b, University of Geneva, Department of Astronomy, Versoix, Switzerland / **Francesco Pepe**, Astrophysicist and Principal Investigator of HARPS-N and ESPRESSO, University of Geneva, Department of Astronomy, Versoix, Switzerland / **Thomas Beck**, System Engineer, CHEOPS Space Mission, University of Geneva, Department of Astronomy, Versoix, Switzerland / **Nicolas Billot**, Operations Scientist, CHEOPS Space Mission, University of Geneva, Department of Astronomy, Versoix, Switzerland / **Stéphane Paltani**, Professor, University of Geneva, Department of Astronomy, INTEGRAL Science Data Centre, Versoix, Switzerland / **Antoine Pommerol**, Space Research & Planetary Sciences, University of Bern, Physics Institute, Bern, Switzerland / **Tania Johnston**, ESO Supernova Coordinator, ESO European Southern Observatory, Garching bei München, Germany, @taniaj78

Space for life: engaging audiences - Day 2

Be careful: since we're going on an excursion today, we're starting at 8.00 and not 9.00. Meet at the front entrance of the CICG convention centre, where a bus will be waiting for you.

Since life on Earth is so common and resistant to extreme environments and since its chemical building blocks are found everywhere in the universe, several past and current missions have been searching for primitive life or conditions for life, in the Solar System and further afield. How do we communicate these endeavours and make the most of their potential to engage audiences?

On this second day, participants will visit two facilities of the Department of Astronomy of the University of Geneva: the Observatory of Sauverny and Écogia, host of the INTEGRAL Science Data Centre, at the forefront of Swiss space research, including exoplanetary research.

If you're tweeting today, please use #Ecsite2018 + #EcsiteSpace.

03 | 9:00 #room03

PRE-CONFERENCE WORKSHOP

FOUNDATIONS ●

Research, theory & evaluation, Learning

CONVENOR

Marjelle van Hoorn, Head of science education & Chair of REV, Universiteitsmuseum, Utrecht, The Netherlands, @sciencemuseums

SPEAKERS

Jennifer DeWitt, Researcher, UCL Institute of Education, London, United Kingdom / **Roy Schedler**, Head of Marketing and Partnerships, Swiss Science Center Technorama, Winterthur, Switzerland / **Ilona Howiecka-Tańska**, Head of the Research Department, Copernicus Science Centre, Warsaw, Poland / **Nils Petter Hauan**, Head of Development, VilVite, Bergen Vitensenter AS, Bergen, Norway / **Colin Johnson**, Ecsite Honorary Fellow, Cardiff, United Kingdom

Research & evaluation: beginner's guide & deeper understanding - Day 2

There is a lot happening in evaluation and research. How can you find your way around it all? The first day of this two-day in-depth workshop offers an introduction and a refresher. Small group activities and inspiring talks will help you become familiar with popular methods, including questionnaires and observation techniques, from those that are simple to those that are more sophisticated.

The second day will be focusing on impact, building upon basic instruments and diving into an important trend in evaluation: the use of logic models that help us consider and assess relationships between the elements of a programme. They are also a powerful tool to evaluate whether our programmes and exhibitions are achieving their goals.

This workshop is organised by the REV Group, the Ecsite thematic group that stimulates and helps facilitate research and evaluation in science centres and museums across Europe.

04 | 9:00 #room04

PRE-CONFERENCE WORKSHOP

Equity & Inclusion, Strategy & Vision

CONVENORS

Sheena Laursen, Programme Manager - International Relations and Learning, Experimentarium, Hellerup, Denmark, @SheenaLaursen / **Barbara Streicher**, Executive Manager, Science Center Netzwerk, Vienna, Austria, @b_streicher / **Vanessa Mignan**, Head of Education and Public Engagement, TRACES / Espace des Sciences Pierre-Gilles de Gennes, Paris, France, @GroupeTraces / **Elizabeth Rasekoala**, President, African Gong- the Pan-African Network for the Popularisation of Science & Technology, and Science Communication, South Africa

SPEAKERS

Emily Dawson, Lecturer in Science Communication, University College London, London, United Kingdom, @emilydawson / **Piotr Bienkowski**, Project Director, Our Museum programme, Paul Hamlyn Foundation, Beeswing, United Kingdom / **Jo Bryant**, Community Engagement and Volunteer Manager, We The Curious, Bristol, United Kingdom / **Shaaron Leverment**, Deputy CEO, The Association for Science and Discovery Centres, Bristol, United Kingdom

Social inclusion, equity & diversity: time for change

As individuals and institutions, most of us believe that science and science engagement spaces are for everyone and as such should engage 'everyone'. Yet this belief might be standing in the way of actually becoming more inclusive, as we struggle to invite 'new visitors' in or to find out why some people never come through our doors. How inclusive and diverse are we as teams, as institutions? Are those values embedded in all our areas of work? How can we measure this?

This full-day workshop will support and inspire participants to take social inclusion, equity and diversity work further in their institutions and as a field. It is facilitated by an informal international working group currently devising a social inclusion and diversity framework with measurable indicators for success. Using the draft version of the framework, we will tackle five thematic areas: access, content, partnerships, staff and strategy, in an engaging mix of presentations, case studies, plenary and small group discussions.

18 | 9:00 #room18

PRE-CONFERENCE WORKSHOP

Science ♥ society

CONVENORS

Melissa Richard, ICT explainer, universcience, Paris, France / **Isabelle Chabanon-Pouget**, ICT explainer, universcience, Paris, France, @isa_carrnum

SPEAKERS

Melissa Richard, ICT explainer, universcience, Paris, France / **Fabrice Jouvenot**, GameLab Director - Senior Experience Designer, CRI - Interdisciplinary Research Centre, Paris, France, @DanteOnyrium / **Malvina Artheau**, Development & European partnerships - RRI - LivingLab, Artheau Accompagnement, Toulouse, France, @MalvinaArtheau / **Isabelle Chabanon-Pouget**, ICT explainer, universcience, Paris, France, @isa_carrnum / **Daniela De Angeli**, Research Associate, University of Bath, Bath, United Kingdom / **Yael Bamberger**, Experiential Learning Spaces Developer & Designer, EdQuest - Twist in Education, Haifa, Israel

Developing successful science games

In this full-day workshop, we trigger participants' creativity, imagine one or several science-related games and bring them to life through prototyping. Prototypes will then be beta-tested during the rest of the conference at the GameLab (the conference's space specifically dedicated to games), where hacks, developments and iterations will be encouraged.

Whether you are a non-player, an old romantic wooden game lover, a role play psychopath, a video game hacker or just an average player, you are warmly welcomed to this workshop. The morning will be dedicated to the exploration of what makes a good game. Then, together, using creativity methods and games, we will unleash everyone's creativity to imagine new, fun, engaging games that incorporate some science.

Natural History Museum 9:00

PRE-CONFERENCE WORKSHOP #NHM1
Exhibit development, Collections

CONVENOR

Leonel Alegre, Experience and Content Manager, Toyno - space experience design studio, Lisbon, Portugal

SPEAKERS

Roberta Mansur, Architect, Toyno - space experience design studio, Lisbon, Portugal / **Ines Montalvao**, exhibition developer / content designer, Heureka - The Finnish Science Centre, Helsinki, Finland

Susan Holmes, Exhibitions and Interpretation Manager, The Natural History Museum London, London, United Kingdom / **Alisson Boiffard**, Exhibition designer, universcience, Paris, France

Herve Groscairet, Head Public engagement and Exhibition, Natural History Museum of Geneva, Geneva, Switzerland

Experience design in practice

Interactivity has always been part of the science centre's DNA and it is now common in many types of museums. However, it doesn't necessarily take into consideration visitors' emotional journeys. The concept of experience design has recently started to gain prominence in the museum field. It privileges emotions and focuses on the quality, enjoyment, relevance and transformative power of the visitor experience.

In this full-day workshop held at the Natural History Museum of Geneva, we will cover the principles of experience design while participants, following well-defined methodologies, create experiences in situ. Experts will share best practices and participants will take part in discussion groups on human centred design, design for emotions, designing accessible experiences, creating narratives, etc.

Please note: this pre-conference workshop is taking place at the Natural History Museum of Geneva and not at the CIGC convention centre, like other workshops. Participants will receive joining instructions in due course.

Conference room, Natural History Museum 9:00

PRE-CONFERENCE WORKSHOP #NHM2
Science ♥ society, Strategy & Vision

CONVENORS

Henrik Sell, Deputy Director, Natural History Museum Aarhus, Aarhus, Denmark / **Carole Paleco**, Responsible for European projects, Royal Belgian Institute of Natural Sciences, Brussels, Belgium

Thomas B. Berg, Senior Scientist, Collection and Exhibition Manager, NATURAMA, Svendborg, Denmark

SPEAKERS

Yuri Matteman, Head of Education, Naturalis Biodiversity Center, Leiden, The Netherlands / **Michelle Price**, Head of Science, Conservatory and Botanical Garden of the City of Geneva, Geneva, Switzerland

André Abreu, Head for Environment and Climate Policy, Tara Expeditions Foundation, Paris, France,

When faith and facts collide

Science centres and natural history museums are increasingly involved in debates between natural sciences and more belief-driven views. In this full-day pre-conference workshop we will examine this issue and explore possible routes for the future. Science engagement professionals are usually trained in science and base their explanations on the scientific method, which is largely impersonal and culturally neutral, and thus objective.

However, our practice is being challenged by an increasing number of people who create their own reality and explanatory models based on pseudo-science and belief, for instance contesting "inconvenient truths" with beliefs rooted in ideology, politics, economics, religion, etc. The science behind evolution or man-made climate change for example is being contested by undocumented allegations or views whose defenders, sometimes powerful politicians, refuse to acknowledge science-based facts.

This workshop is organised by the Ecsite Nature Group, a thematic group that brings together professionals and institutions who engage audiences with nature.

CERN - Globe of Science and Innovation 18:30 #CERN

Social event

OPEN TO ALL PRE- AND MAIN CONFERENCE SPEAKERS AND CONVENORS.

Please print and bring the invitation you will be receiving by email a few days before the conference.

Speakers' Reception

Receive a warm welcome from conference hosts, CERN representatives and Ecsite. Enjoy a drink and mingle with other speakers. The reception will be hosted at CERN's Globe of Science and Innovation. The building is entirely made of timber and was the crowning feature of the Swiss national exhibition Expo.02, as a tribute to the Earth and sustainable development. Donated by the Swiss Confederation to CERN in 2004, it quickly became the landmark of the Organisation. The ground floor hosts the permanent exhibition 'Universe of Particles', and the first floor is a multi-purpose space used for CERN's science in society projects.

Dress code: smart casual

Where next after the reception? Just next to the Globe, visit CERN's permanent exhibitions (Microcosm, Universe of Particles), the ATLAS visitor centre, or the "IdeaSquare" creative innovation space. Exhibitions will be open until 21:00.

More information on page 144

THU 7

Newcomers' Breakfast

Mingle with other first-time delegates and meet a few conference old-timers who will be sharing their tips and tricks to make the most of the Ecsite conference. Join this informal breakfast for a refreshing start to intense hectic conference days and an opportunity to start building your network.

Pre-booking only: we are afraid you can only attend if you included this event in your package when you registered online.

Opening Ceremony

Welcome to the conference's official start. Expect speeches by officials, host and Ecsite representatives. And... the winners of the 2018 Mariano Gago Ecsite Awards will be revealed!

SPEAKERS

Sami Kanaan, Mayor, in charge of culture and sport, City of Geneva, Geneva, Switzerland
Philippe Moreillon, Vice President, Swiss Academy of Sciences (SCNAT), Bern, Switzerland
Jacques Ayer, Director, Natural History Museum of Geneva, Geneva, Switzerland
Herbert Munder, Ecsite President / General Manager, Universum Bremen, Germany
Catherine Franche, Executive Director, Ecsite, Brussels, Belgium
Sharon Ament, Director, Museum of London, London, United Kingdom

with the participation of the State Council of the Republic and canton of Geneva

Anchor **Barbara Baker**, actress, Geneva
Theater performance "Elemental Collisions" **Jean-Marie Lehec**, writing, staging & acting, Paris

01 | 12:00 #room01

PANEL / EDGY ▲
Equity & Inclusion, Learning

CONVENOR

Sharon Ament, Director, Museum of London, London, United Kingdom

SPEAKERS

Michèle Antoine, Director of Exhibitions, universcience, Paris, France
Gretchen Baker, Vice President of Exhibitions, Natural History Museum of Los Angeles County, Los Angeles, United States / **Ann Follin**, Director General, National Museums of World Culture, Stockholm, Sweden, @AnnFollin

A conversation with the younger me

If we had known what we now know...the importance of owning and trusting your own power, the importance of taking risks and seizing challenging opportunities, the value of feeling okay with navigating your way through societal and institutional demands without compromising your own integrity... would our career paths have been different?

The big conversations in this workshop session will galvanise women in the early stages of their careers to better understand the challenges, risks, frustrations, and the meaning of success in our field. Invaluable advice will be shared, and real solutions will be brainstormed.

03 | 12:00 #room03

ROUND TABLE

Strategy & vision, Research, theory & evaluation

CONVENOR

Thierry Brassac, Head of Science/Culture Dpt, Montpellier University / Service Culture Scientifique, Montpellier, France, @ThierryBrassac

SPEAKERS

Bart Van de Laar, Head of department, Science LinX - University of Groningen, Groningen, The Netherlands / **Matteo Merzagora**, Director, TRACES / Espace des Sciences Pierre-Gilles de Gennes, Paris, France, @happymerz / **Joana Lobo Antunes**, Head of Communication Office, ITQB NOVA, Oeiras, Portugal, @JoanaLoA / **Leonardo Alfonsi**, Director at Psiquadro, Psiquadro scarl, Perugia, Italy, @LeoAlfonsi / **Holly Hasted**, PhD Fellow, UiT - The Arctic University of Norway & Tromsø University Museum, Tromsø, Norway / **Gioia Mosler**, Outreach and Learning Manager, Queen Mary University of London, London, United Kingdom
Dubravka Vejinovic, Expert Associate at Center for the Promotion of Science, Centar za promociju nauke, Belgrade, Serbia / **Melanie Wunsch**, Exhibition Manager, Stiftung Neanderthal Museum, Mettmann, Germany
Silvia Prock, Head of Junge Uni, Children's University of the University of Innsbruck, Innsbruck, Austria / **Nader Wahbeh**, Science Studio Director, A. M. Qattan Foundation, Ramallah, Palestine

Partnering with universities

The academic world can sometimes appear puzzling, complex or even "inert" to other science engagement actors; however, many fruitful collaborations are possible. Why (and how) should science centres and universities collaborate better? How do we make sure that communication, cultural and outreach activities have a productive feedback on research? How can we "measure" that outreach activities can impact researchers in their work? What are the dialogues and differences between "science communicators" and "researchers as communicators"?

04 | 12:00 #room04

PANEL

Exhibit development, Learning

CONVENOR

Petra Katzenstein, Manager Development & Special Projects, Jewish Cultural Quarter, Amsterdam, The Netherlands

SPEAKERS

Jörg Ehtreiber, Director, FRida & freD - The Graz Children's Museum, Graz, Austria / **Pilvi Kolk**, Member of the Management Board, AHHA Science Centre Foundation, Tartu, Estonia / **Ian Simmons**, Consultant, Science Centres International, Newcastle Upon Tyne, United Kingdom

Reconciling innovative exhibit design and the demands of today's compensation culture

Visitors, especially families and schools, often understand our institutions to be absolutely liable and we are frequently confronted with claims for compensation. This session will explore the difficulties curators and exhibition designers face when trying to implement innovative hands-on concepts in this context. The fear of lawsuits affects the exhibit planning process, in particular activities involving real tools or other highly participatory formats.

Together we will explore innovative formats encouraging visitors to get physically active beyond the normal extent, will explore how their implementation is threatened by the urge of institutions to legally protect themselves and will look for a compromise or way out.

This session is proposed as part of a partnership between Ecsite and Hands On!, International Association of Children's Museums.

05 | 12:00 #room05

PANEL / EDGY ▲

Equity & Inclusion, Science ♥ society

CONVENOR

Ana Rita Antunes, Museum Education Officer, Science Xplore, Viseu, Portugal

SPEAKERS

Marta Figueiredo, President, Science Xplore, Viseu, Portugal
Nathalie Caplet, Science communication and patient involvement manager, BRIO (Bordeaux Recherche Intégrée Oncologie), Bordeaux, France, @natnatnet / **Annemarie Schumacher Dimech**, Health Psychologist and Co-Founder, Women's Brain Project, Zurich, Switzerland
Joana Moscoso, Co-founder and director, Native Scientist, London, United Kingdom

Empowering society through science communication

Unprecedented developments in technology and science are creating new societal challenges, appearing in a climate of increasing mistrust of science and technology. Lack of scientific understanding is a leading factor for this increasing mistrust. One solution is to increase the dialogue between scientists and the public.

Our session highlights science communication as a vehicle for societal inclusion and active participation. Four non-profit organisations will present their innovative approaches, explaining how science outreach to immigrant communities, highly gifted students, patients and discussions on gender bias is helping move the dialogue forward. Our session hopes to stimulate interdisciplinary collaboration for science outreach.

06 | 12:00 #room06

TRAVELLING EXHIBITIONS

Exhibit development

CONVENOR

Audrey O'Connell, Museum Consulting, Audrey O'Connell + Associates, Seattle, United States

SPEAKERS

Elsa Guerry, Head of Programming and Travelling Exhibitions, Muséum National d'Histoire Naturelle, Paris, France / **Debbie Donohue**, VP of Exhibitions, Imagine exhibitions, Atlanta, United States

Domingo Escutia, Project Manager, Parque de las Ciencias, Granada, Spain, @DoEsMu / **Jo Sheppard**, Projects Manager, Touring Exhibitions, Science Museum Group, London, United Kingdom / **Soraia Salvador**, Exhibition Partnerships Manager, Natural History Museum, London, United Kingdom / **Sheena Laursen**, Programme Manager - International Relations and Learning, Experimentarium, Hellerup, Denmark, @SheenaLaursen / **Hélène Wang**, Export Marketing Manager, universcience, Paris, France / **Efe Alpay**, Creative Director, Reo-tek, Ankara, Turkey / **Jennifer Wallace**, Director, Museum Partnerships, National Geographic Museum, Washington DC, United States

Julie Leclair, Director, Travelling Exhibitions, Ingenium - Canada's Museums of Science and Innovation, Ottawa, Canada, @JulieCSTMC

Andreas Matt, CEO, IMAGINARY gGmbH, Berlin, Germany

Audrey Chang, Chief of Business Planning and Partnerships, National Museum of Natural History, Washington DC, United States

Dong Zhang, CEO, BroadMesse International, Shanghai, China

Katerina Chabova, Manager for VIP partners, Touring Exhibitions Manager, CEO of the Czech Association of the Science Centers,,

What's new in touring exhibitions - 1

A preview of current and upcoming touring science exhibitions across Europe and the world. This fast-paced session will give you a glimpse of a large range of exhibitions on offer, leaving it up to you to make contacts and find out more.

13 | 12:00 #room13

REVERSE

Exhibit development, Strategy & vision

CONVENOR

Stefan Fahrngruber, Senior Interaction Designer, NorthernLight Design, Amsterdam, The Netherlands

SPEAKERS

Maarten Taborsky, Project Director, Bruns BV, Bergeijk, The Netherlands

Claudia Schleyer, Consultant for Interactive Exhibits, Claudia Schleyer, Berlin, Germany / **Jochen Hunger**, Scenographer, jh Museum & exhibition design, Erlangen, Germany / **Michael Bradke**, Director and Driver, Mobiles Musik Museum, Duesseldorf, Germany / **Claire Pillsbury**, Program Director, Osher Fellowships, Exploratorium, San Francisco, United States

Challenging our brains to come up with new ideas

As we work in the creative field we're asked to come up with new innovative ideas day after day. But is that really possible? Can we really conjure good, new ideas out of the blue? In this session we go on a journey to explore the human desire for creativity. We look at the way our brains strive for new experiences but also the difficulty involved in coming up with ground-breaking ideas. And last but not least, we take a critical look at the patterns we use to create "new" ideas. What really innovative ideas did we come up with and how did we find them? When ideas were inspired by others, what twist was applied to innovate and evolve them even further? How did we get everyone on board in our teams?

15 | 12:00 #room15

PANEL

Business & fundraising, Marketing & communication

CONVENOR

Alain Coine, General Delegate, Fonds de dotation universcience Partenaires, Paris, France (also speaker)

SPEAKERS

Evanthia Ioannidou, Museographer, universcience, Paris, France
Carina Jaatinen, Head of Exhibitions, Heureka - The Finnish Science Centre, Vantaa, Finland / **Friso Visser**, Education and Exhibitions / Deputy Director, Museon, The Hague, The Netherlands, @frisovisser

Private companies: how far can we take our collaborations?

Step one: we have an idea. Step two: we design a project that could be an exhibition, a science festival or dissemination programme. Step three: struggling with it, we look for sponsorship. What if the reverse happens: a financial partner proposes both the idea and the funding? How involved should this financial partner be in the development process? How can we strike a balance between the partner's habits and desires and the messages we want to convey as science engagement organisations?

Examples of such cooperation (successful and otherwise) will be presented: speakers will be sharing their experiences and helping the audience to construct healthy and fruitful relationships.

18 | 12:00 #room18

PANEL

Science ♥ society, Learning

CONVENOR

Brad Irwin, Partnerships Development Manager, The Natural History Museum London, London, United Kingdom, @NHM_Global

SPEAKERS

Pernille Hjort, Head of education and public engagement, Natural History Museum of Denmark, Copenhagen, Denmark / **Robert Dunn**, Professor, North Carolina Museum of Natural Sciences, Raleigh, United States / **Caren Cooper**, Associate Professor, North Carolina Museum of Natural Sciences, Raleigh, United States

Citizen science: the new frontiers

Citizen science has come to play an increasing role both in science itself and in the engagement of the public in the scientific process. The last decade has seen a maturation of the field, with the formation of new professional societies, dramatic increases in the number of participants globally and new approaches to engaging the public (precipitated both by new technology and new conceptual advances).

Here, we consider what the next decades may hold for citizen science, looking at both challenges and opportunities. Each bringing a different perspective of the field, speakers will pay particular attention to the role of museums, the potential for social justice, and the need for the integration of learning outcomes into citizen science (as well as their evaluation).

MAKER SPACE

12:00 #EcsiteMakers

WORKSHOP

Learning, Science ♥ society

CONVENOR

Sebastian Martin, Tinkering Studio Project Specialist, Exploratorium, San Francisco, United States, @smartinseb

SPEAKERS

Ryan Jenkins, Co-Founder, Education, Wonderful Idea Co., San Francisco, United States, @ryanejenkins / **Samar D. Kirresh**, Senior Researcher-Science Studio, A. M. Qattan Foundation, Ramallah, Palestine
Cristina Olivetto, Co-founder, Onl'Fait, Geneva, Switzerland

Introduction to the tinkering approach

In this workshop for beginners, we will take a deep dive into one of the tried and tested tinkering activities, cardboard automata. We will make and construct using simple everyday materials and create unique projects driven by personal interest.

Combining art and science, the workshop will provide many entry points for all learners. We will use this experience to uncover some of the essential qualities of a tinkering approach to learning. If you've never been to the Ecsite MakerSpace (or to any MakerSpace!) this is a great place to start.

GAME LAB

12:00 #GameLab

WORKSHOP

Learning, Science ♥ society

SPEAKER

Joao Pequeno, CERN Media Lab Team Leader, CERN, the European Laboratory for Particle Physics, Geneva, Switzerland

Test the CERN LHC Interactive Tunnel

The LHC Interactive Tunnel (LIT) is a portable immersive installation where the public can experience the thrill of the research being done at CERN. Using Kinects to detect users, and projecting images on the floor and on a video wall, we can create different learning experiences in a variety of subjects.

In this session, we'll share lessons learnt in the development process of the game and will hopefully have a simplified version to play first hand. Become a particle accelerator by kicking protons, experience the Higgs Mechanism in the first person or become a virtual operator of a Hadron Therapy facility.

01

14:30 #room01

REVERSE / EDGY ▲

Business & fundraising, Strategy & vision

CONVENOR

Pilvi Kolk, Member of the Management Board, AHHA Science Centre Foundation, Tartu, Estonia

SPEAKERS

Carina Halvord, Managing Director, Universeum AB, Gothenburg, Sweden / **Stephane Berghmans**, CEO, Technopolis, the Flemish Science Centre, Mechelen, Belgium / **Kim Gladstone Herlev**, Executive Director, Experimentarium, Hellerup, Denmark / **Tapio Koivu**, CEO, Heureka - The Finnish Science Centre, Vantaa, Finland

Tips for 21st century managers

Being a director or a manager in the 21st century is not an easy job. Today's y- and z-generation employees are different from their predecessors and are making it hard to keep teams motivated and "get things done". Most of our science centres and museums are run by the generation that founded them, yet the audience we are working for is a new one and the people we are working with are younger and younger. Will this change the concept of a science centre itself? How to be a modern director or a manager? What are the new "tricks" and "tips" to become a 21st century leader?

Hear from experienced directors who have recently joined the science centre sector or who have done something unusual in their organisations. Their ideas are innovative and easy to adapt. And don't hesitate to share your own!

03

14:30 #room03

WORKSHOP / FOUNDATIONS ●

Strategy & vision, Exhibit development

CONVENOR

Ana Noronha, Executive Director of Ciência Viva, Pavilion of Knowledge (Pavilhão do Conhecimento) – Centro Ciência Viva, Lisbon, Portugal

SPEAKERS

André Abreu, Head for Environment and Climate Policy, Tara Expeditions Foundation, Paris, France / **Hans Gubbels**, CEO, Museumplein Limburg, Kerkrade, The Netherlands, @HansGubbels / **Maria Menendez**, Head of Corporate Exhibitions and Events, European Space Agency - ESA, Paris, France

Space and the Sustainable Development Goals

Science centres and museums can take advantage of the inherent wonder Space inspires in order to enhance their exhibitions and activities about sustainable development on Earth. Explore how space science and technology contributes to the preservation of our planet and to delivering the United Nations Agenda 2030, embodied by the Sustainable Development Goals (SDGs).

Together with specialists from the European Space Agency and colleagues from the Ecsite Space Group, discuss how to take a more active role towards the implementation of the Tokyo Protocol signed during the Science Center World Summit in November 2017.

04 | 14:30 #room04

REVERSE

Equity & Inclusion, Research, theory & evaluation

CONVENOR

Peter Trevitt, Owner, Peter Trevitt Consulting, Cardiff, United Kingdom, @PeterTrevitt1

SPEAKERS

Rachael Inglis, Head of Evaluation and Research, Cambridge Science Centre, Cambridge, United Kingdom / **Nathalie Caplet**, Science communication and patient involvement manager, BRIO (Bordeaux Recherche Intégrée Oncologie), Bordeaux, France, @natmatnet
Theodoros Anagnostopoulos, Founder & General Manager, SciCo, Athens, Greece / **Leticia González**, Inclusion Program Coordinator, Museu de Ciències Naturals de Barcelona, Barcelona, Spain

Outreach: new practices

Outreach is a great way to reach new audiences - go to where the people are! To stretch and challenge our boundaries, this session will first bring together three diverse examples of innovative work in this field: multi-strand approaches in disadvantaged and rural communities, engaging new audiences at metro stations, and involving cancer patients in research projects.

We will hear briefly how this work overcomes challenges and barriers to engagement for particular sections of society, how partners were involved, and also share what research and evaluation tell us about impact and future opportunities.

The session will then reverse and participants will work creatively through open discussion.

05 | 14:30 #room05

WORKSHOP / FOUNDATIONS ●

Research, theory & evaluation

CONVENOR

Marjelle van Hoorn, Head of science education & Chair of REV, Universiteitsmuseum, Utrecht, The Netherlands, @sciencemuseums

SPEAKERS

Roy Schedler, Head of Marketing and Partnerships, Swiss Science Center Technorama, Winterthur, Switzerland / **Nils Petter Hauan**, Head of Development, VilVite, Bergen Vitensenter AS, Bergen, Norway
Ilona Howiecka-Tańska, Head of the Research Department, Copernicus Science Centre, Warsaw, Poland, / **Jennifer DeWitt**, Researcher, UCL Institute of Education, London, United Kingdom,

Evaluation for beginners

A quick exploration of standards, reality and credibility. There is a lot happening in the field of evaluation and research. But what might be a good (and easy) way to start? How can you reconcile the needs of your organisation and that of the visitor? This rapid-fire session will focus on the topic of visitor motivation and introduce quick and simple methods to examine questions like: Why have they come? How can we best meet their needs?

Each speaker will give a brief 'how-to' introduction to a method both simple to implement and useful. Then, in round table sessions, participants will explore these methods and get advice on how they might apply them in their own situations.

This workshop is organised by the REV Group, the Ecsite thematic group that stimulates and helps facilitate research and evaluation in science centres and museums across Europe.

06 | 14:30 #room06

TRAVELLING EXHIBITIONS

Exhibit development

CONVENOR

Audrey O'Connell, Museum Consulting, Audrey O'Connell + Associates, Seattle, United States

SPEAKERS

Javier Hidalgo Gil, Head of science exhibition and programmes, Fundació Bancària "la Caixa" (CosmoCaixa Barcelona), Barcelona, Spain
Ines Montalvao, exhibition developer / content designer, Heureka - The Finnish Science Centre, Vantaa, Finland / **Emilio Sheikhan**, CEO, Megalodon Creations, Gothenburg, Sweden / **Carrie Reid**, Director of Sales, Flying Fish Exhibits, Minneapolis, United States / **Chris Harris**, Head of Exhibition and Touring, The Australian Centre for the Moving Image (ACMI), Melbourne, Australia / **Lisa O'Keefe**, Director, Partner Development, GES Events, New York, United States / **Petra Rotthoff**, Director of Exhibitions, Museumspartner GmbH, Innsbruck, Austria
Alex Susanna, CEO, Expona, Bolzano, Italy / **Adam Sanders**, Director, SES, Dorking, United Kingdom

What's new in touring exhibitions - 2

A preview of current and upcoming touring science exhibitions across Europe and the world. This fast-paced session will give you a glimpse of a large range of exhibitions on offer, leaving it up to you to make contacts and find out more.

13 | 14:30 #room13

PANEL / EDGY ▲

Learning, Exhibit development

CONVENOR

Carol Lynn Alpert, Director, Strategic Projects Group, and co-Director, Center for Integrated Quantum Materials headquartered at Harvard University, Museum of Science, Boston, United States

SPEAKERS

Olov Amelin, Director, Nobelmuseet, Stockholm, Sweden
Jamie Lochhead, Director, Windfall Films, London, United Kingdom
Jenny Hogan, Associate Director, Outreach and Media Relations, Centre for Quantum Technologies, National University of Singapore, Singapore
Martin Laforest, Senior manager, Scientific Outreach, Institute for Quantum Computing, University of Waterloo, Waterloo, Canada

Communicating the new quantum revolution

Quantum communication, quantum computing and quantum cryptography are no longer simply the stuff of science fiction; these powerful and potentially disruptive new technologies are now closer to realisation, with far-reaching implications for science and society. How can educators, museums, journalists and filmmakers rise to the challenge?

Here, we showcase the work of pioneers who have designed new quantum exhibits, programmes and media. Our presenters reveal how they overcame obstacles to interpreting "spooky action at a distance" and other counter-intuitive quantum phenomena for family audiences, and share what they've learned in the process.

15 | 14:30 #room15

PANEL / FOUNDATIONS ●

Science ♥ society, Equity & Inclusion

CONVENOR

Bálint Balázs, Senior Research Fellow, ESSRG, Budapest, Hungary

SPEAKERS

Norbert Steinhaus, Coordinator International Science Shop Contact Point, Wissenschaftsladen Bonn - Bonn Science Shop, Bonn, Germany
Rosina Malagrida, Head of Living Lab for Health, IrsiCaixa, Badalona, Spain, @RosinaMalagrida / **Giovanna Pacini**, post PhD, University of Florence, Florence, Italy / **Maria Jesús Pinazo**, Medica Doctor, PhD, The Barcelona Institute for Global Health (ISGlobal) - Hospital Clinic, Barcelona, Spain

Science shops: participatory innovation, research and equity

Acting on the interface of science and society, Science Shops have developed inspiring, socially innovative and often experimental formats to tailor research to real social concerns. They operate in higher education institutions, public institutions or not-for-profit consultancies, organising research cooperation with civil society actors. Does a Science Shop work in the same way in The Netherlands and Tunisia? Do social movements or groups express their demands in Bolivia like they do in Hungary?

Hear stories chosen from several Science Shops experiences and gain an understanding of how this methodology could be adapted to your own context. With this session we aim to enhance creativity at the intersection of education, research, social exclusion and community development.

18 | 14:30 #room18

PANEL

Science ♥ society, Strategy & vision

CONVENOR

Aliki Giannakopoulou, Project Manager, Ellinogermaniki

Agogi SA, Athens, Greece,

SPEAKERS

Maya Halevy, Director, The Bloomfield Science Museum Jerusalem, Jerusalem, Israel / **Mele van Laar**, senior project manager education, Science Learning Center, NEMO Science Museum, Amsterdam, The Netherlands, @meiegeerlings / **Vanessa Mignan**, Head of Education and Public Engagement, TRACES / Espace des Sciences Pierre-Gilles de Gennes, Paris, France, @GroupeTraces / **Marianne Pouget**, Deputy director, Cap Sciences, Bordeaux, France

Catalysts for societal challenges: really our role?

A number of science centres and museums seem to have begun undertaking new roles: beyond enthusing young people about science and inspiring them to embrace STEM careers, these organisations are more and more involved in projects and activities that transform them into catalysts for societal changes. Museums have been collaborating with NGOs, companies or municipalities for many years but now they are beginning to focus on certain issues like gender inclusion or community building and become the hubs that bring actors together. They are moving beyond their 'usual business' and are opening up to their communities.

But do they have to give up important pre-existing roles in order to succeed in this new one? Are they best placed to bring these different stakeholders together? And who are their most important 'clients', if not existing visitors? In this session three organisations that have been undertaking these new roles share their successes and failures.

MAKER SPACE | 14:30 #EcsiteMakers

DROP-IN SESSION

Learning

Drop-in and make

The Ecsite MakerSpace is a physical location at the conference centre curated by a group of tinkerers and educators from all over the world. In this inspiring environment full of tools, materials and demonstrations, we'll present hands-on workshops and use these experiences to spark reflective discussions about why making and tinkering matter for museums, science centres and other science engagement venues. Throughout the entire conference, learn about high-tech and low-tech tools/digital fabrication, get to know local artists and makers and test prototypes.

Whether you are an experienced maker or a complete newcomer, we invite you to stop by for a workshop or pop in at breaks to engage with projects, meet new collaborators and share ideas. This year we'll be investigating the "creative collisions" of cardboard with science, art and technology by building marble runs, experimenting with computation and constructing unusual mechanisms.

GAME LAB | 14:30 #GameLab

TALK AND GAME PLAYTEST

Learning

SPEAKER

Aymeric Faucher, Software Developer, CRI- Interdisciplinary Research Center, Paris, France

Test MassAffect, a digital collaborative game

Mass Affect is a multi-pedagogical serious game developed at the CRI - Interdisciplinary Research Centre (Paris, France). It is based on the control of the centre of mass of players, a physical concept which offers a real-time collaborative combination of movements.

The main pedagogical point is to organise the learning process around: corporal and oral language, action through physical activity, logical structuring of thinking and world exploration using gaming. In a first case, psychomotor development might be enhanced. In the second one, mathematical analysis will be better understood by vectorial visualisation of movement. In both cases, collaboration between players is the most important and original key to success - unlike in games based on competition.

01 | 16:30 #room01

PANEL

Exhibit development, Research, theory & evaluation

CONVENOR

Raphael Chanay, Exhibitions and Interpretation Manager, The Natural History Museum London, London, United Kingdom, @rafchanay

SPEAKERS

Julia Pitts, Exhibition Project Leader and PhD Researcher, Science Museum Group, London, United Kingdom / **Roger Mayou**, Director, Musée International de la Croix-Rouge et du Croissant-Rouge, Geneva, Switzerland / **Anne Prugnon**, Museographe, Banque de France - DMCEM, Paris, France

Exhibition narratives: latest developments

Storytelling is a powerful tool. How are today's curators and designers taking advantage of it in exhibitions? A story can help make collections relevant, but a story told in the medium of space can do more. We can tell a story by staging space and flow. And we can leave room for visitors to bring their own associations, find other connections and make their own meanings alongside the exhibition's messages.

In this session we will present a survey of recent approaches to exhibition narrative. We will combine the latest thinking from researchers and creative practitioners with case studies, from more formal permanent galleries to experimental temporary exhibitions - including 'Collider', where story and staging were the key to unlocking the work of CERN's Large Hadron Collider.

03 | 16:30 #room03

WORKSHOP

Science ♥ society, Exhibit development

CONVENORS

Darren McGarry, Communication & knowledge management team leader, European Commission, Joint Research Centre, Brussels, Belgium

Laura Smillie, Policy Analyst, European Commission, Brussels, Belgium, **SPEAKERS**

Darren McGarry, Communication & knowledge management team leader, European Commission, Joint Research Centre, Brussels, Belgium
Linda Gallé, Curator, Exhibitions and Knowledge Transfer, Museum für Naturkunde Berlin, Berlin, Germany / **Michiel Buchel**, Director, NEMO Science Museum, Amsterdam, The Netherlands / **Maria Xanthoudaki**, Director of Education and of the Centre of Research in Informal Learning, Museo Nazionale della Scienza e della Tecnologia 'Leonardo da Vinci', Milan, Italy / **Alan Belward**, Head of Knowledge Management for Sustainable Development Unit, European Commission, Ispra, Italy, **David Wilkinson**, Active Senior, European Commission, Joint Research Centre, Brussels, Belgium / **Luisa Marelli**, Deputy Head of Unit, European Commission, Joint Research Centre, Ispra, Italy

Meet the Joint Research Centre

Powered by the European Commission's science and knowledge service, the Joint Research Centre (JRC), this workshop will provide an interactive platform to discover what happens when the world of knowledge and science collides with the domain of public engagement. Following a brief introduction, three top speakers from the JRC will give a stunning visual presentation of areas of JRC work, from climate change to soil quality and ageing population to electromobility and smart cities.

The presentations will focus both on the wealth of available scientific data and on available interactive tools, and the possibility to develop demonstrations together. Following these talks the audience will take part in a "speed dating" to discuss how science centres could potentially interact with the JRC.

04 | 16:30 #room04

REVERSE / EDGY ▲

Equity & Inclusion, Strategy & Vision

CONVENOR

Audrey O'Connell, Museum Consulting, Audrey O'Connell + Associates, Seattle, United States

SPEAKERS

Sharon Ament, Director, Museum of London, London, United Kingdom
Gretchen Baker, Vice President of Exhibitions, Natural History Museum of Los Angeles County, Los Angeles, United States / **Bronwyn Bevan**, Senior Research Scientist, University of Washington, Seattle, United States / **Ann Follin**, Director General, National Museums of World Culture, Stockholm, Sweden, @AnnFollin

Empowering growth and leadership: towards gender equity in your institution

An improved gender balance in the leadership of our field is an exciting and formidable objective, and interests many of us, regardless of our gender. This session focuses on creating an inclusive organisational culture. Through a series of interactive activities, the speakers will share research, organisational strategies and practical methods that senior managers can use as they work towards gender equity in their institutions.

Topics such as how to recognise and reorganise disempowering organisational structures, how to ensure equal voice across gender lines, and how to foster role models and mentors for your staff, will move all of us closer to creating a culture of positive change and therefore the enhanced success of our field.

05 | 16:30 #room05

WORKSHOP / EDGY ▲

Strategy & vision, Science ♥ society

CONVENOR

Anne-Marie Bruyas, Responsible for International Relationships, Fondazione IDIS - Città della Scienza, Naples, Italy

SPEAKERS

Inès Abdel Razek, Head, International Unit, Al Nayzak Organization for Supportive Education and Scientific Innovation, East Jerusalem, Palestine / **Caroline Turre**, International Affairs Officer, universcience, Paris, France / **Rana Al-Nibari**, Director General, The Scientific Center of Kuwait, Kuwait / **Rosalía Vargas**, President, Pavilion of Knowledge (Pavilhão do Conhecimento) – Centro Ciência Viva, Lisbon, Portugal
Nisreen El-Hashemite, Executive Director, Royal Academy of Science International Trust, United Kingdom / **Sawsan Dalaq**, Director, The Children's Museum Jordan, Amman, Jordan

Science engagement cooperation in the Euro-Mediterranean & Middle East

Within the global context of the Sustainable Development Goals, the promotion of cooperation in the Euro-Mediterranean, Mediterranean and Middle East region is a real need. As agents of change, science engagement organisations are committed to promoting participatory citizenship and are required to implement projects contributing to this process.

This science café will explore socio-cultural influences on science engagement practices in this region and highlight the potentialities of regional and international cooperative projects. Presenters will speak of the local socio-political factors influencing their work, before regional cooperation experiences are highlighted, such as the Euro-Mediterranean and Middle East Summer School for Science Communication (EMME). Partners and students will pinpoint its effectiveness in capacity-building and enhancing international cooperation

06 | 16:30 #room06

PANEL

Exhibit development, Marketing & communication

CONVENOR

Olivier Retout, Director, Lascaux III project, Conseil Général de Dordogne, Périgueux, France (also speaker)

SPEAKERS

Agnes Ruiz, Director of Sales, Europe + Middle East, Imagine exhibitions, Paris, France, @agnessonR / **Peter Elsaesser**, CEO, Museumspartner GmbH, Innsbruck, Austria / **Jennifer Chow**, Director of Sales, Global Business Development, American Museum of Natural History, New York, United States

Tricks & trucks: keys of success for international travelling exhibitions

This session offers in-depth case study analysis by experienced professionals from museums, private companies and transport/logistics experts of concrete questions about international travelling exhibitions.

How to set up a sales team? What is a good deal? What are the best promotion tools? How to choose the business model: rental fees or revenue sharing? What are the criteria for selecting a transport company? Who is taking risks when crossing borders? How much should you adapt and modify your exhibition? How to negotiate the sharing of adaptation costs? How to minimise risks and costs linked to packaging, security, handling and storage? What is the best, fastest, cheapest and most reliable team for installation & dismantling? Communication, training, by-products: how to use these components during negotiation and afterwards? How to measure success?

13 | 16:30 #room13

WORKSHOP / EDCY ▲

Learning, Exhibit development

CONVENORS

Samuel Lagier, Founder, SamSpeaksScience, Lausanne, Switzerland
Adria LeBoeuf, Founding Director, The Catalyst, Geneva, Switzerland & Rehovot, Israel / **Cristina Soriano**, Senior researcher, University of Geneva, Geneva, Switzerland (also speaker)

SPEAKERS

Samuel Lagier, Founder, SamSpeaksScience, Lausanne, Switzerland
Adria LeBoeuf, Founding Director, The Catalyst, Geneva, Switzerland & Rehovot, Israel / **Cristina Soriano**, Senior researcher, University of Geneva, Geneva, Switzerland (also speaker)

The metaphor factory

Metaphors are more than sophisticated poetic embellishments – they shape our everyday lives in the way we speak, understand and act. A metaphor is a gateway between a known concept and a new dimension: it is this collision between disparate ideas that can transform confusion into comprehension. While metaphors are essential elements of the scicomm-toolbox, they are always imperfect (“all metaphors leak”). Knowing a metaphor’s limitations is necessary to prevent the audience from being misled.

In this workshop, a metaphor researcher and two science storytellers will guide participants in exploring the power of metaphors for understanding and explaining complex ideas. Fun and playful exercises will act as an introduction to translational thinking and we will then create metaphors to represent, explain, and understand a series of hot scientific topics, such as gene editing or gravitational waves.

15 | 16:30 #room15

REVERSE

Science ♥ society, Learning

CONVENORS

Suzana Filipecki Martins, Project Manager, Ecsite, Brussels, Belgium, @suzanafm / **Malvina Artheau**, Development & european partnerships - RRI - LivingLab, Artheau Accompagnement, Toulouse, France, @MalvinaArtheau

SPEAKERS

Carlos Catalao Alves, Board Member, Pavilion of Knowledge (Pavilhão do Conhecimento) – Centro Ciência Viva, Lisbon, Portugal, @CatalaoAlves
Frank Kupper, Assistant Professor Science Communication, Athena Institute, Amsterdam, The Netherlands / **Carmen Fenollosa**, Project Manager, Ecsite, Brussels, Belgium / **Ilse Marschalek**, Senior Researcher, Project Coordinator, Centre for Social Innovation, Vienna, Austria / **Dobrovoje Lale Eric**, Head of Department of International Cooperation, Centar za promociju nauke, Belgrade, Serbia
Leonardo Alfonsi, Director at Psiquadro, Psiquadro scarl, Perugia, Italy, @LeoAlfonsi

A decade of RRI: stepping stones or erratic rocks?

The Responsible Research and Innovation (RRI) approach has been fostered and supported by the European Commission for the past 10 years, creating a community of knowledge and practice that is still in the precious phase of “an organic soup”.

As RRI practitioners and critical friends, this session’s speakers ask: Are all these experiences and projects stepping stones towards an “RRI epiphany”? Or are they more like erratic rocks: huge stones carried by glaciers and left stranded in the vastness of silence? Our adventurous “RRI Expedition” will start with fast-paced PechaKuchas and then invite the audience to reflect on the pros and cons of RRI in the Science & Public Engagement landscape.

18 | 16:30 #room18

PANEL

Learning, Research, theory & evaluation

CONVENOR

Colin Johnson, Ecsite Honorary Fellow, Cardiff, Wales

SPEAKERS

Justin Dillon, Professor of science and environmental education, University of Exeter, Exeter, United Kingdom, @JustinDillonUoB
Helen Featherstone, Head of Public Engagement, University of Bath, Bath, United Kingdom / **Margaret Glass**, Director, Professional Development, ASTC, Washington DC, United States / **Andy Lloyd**, Head of Special Projects, International Centre for Life, Newcastle upon Tyne, United Kingdom, @arllloyd

Bring on the professionals!

For most if not all Ecsite attendees, science communication is a professional activity. We are constantly asking ourselves about the quality of our work, the consistency of standards and whether there are any common skills, training or standards that can be taken as a measure of quality. We all strive to get better at it but some of us don't like to use the term ‘professionalisation’. Why might that be the case?

Come and hear how science communication practice is being supported and challenged by new initiatives on both sides of the Atlantic with a focus on professionalising the profession.

MAKER SPACE

16:30 #EcsiteMakers

WORKSHOP

Learning, Science ♥ society

CONVENOR
Ryan Jenkins, Co-Founder, Education, Wonderful Idea Co., San Francisco, United States, @ryanejenkins

SPEAKERS
Vanessa Mignan, Head of Education and Public Engagement, TRACES / Espace des Sciences Pierre-Gilles de Gennes, Paris, France, @GroupeTraces / **Elizabeth McGregor Jacobides**, PhD, Cambridge University, London, United Kingdom, @wonderworldsci / **Nikola Köhler-Kroath**, Head of Learning, FRida & freD - The Graz Children's Museum, Graz, Austria

Cardboard MakerSpaces and social inclusion

Constructing buildings out of cardboard is a low-stakes and familiar way of exploring materials and of expressing personally meaningful ideas. In this hands-on workshop, we'll build representations of our current or ideal space for making and tinkering using cardboard, hot glue and LEDs.

This initial activity will spark a discussion on the values that animate these physical spaces, with an emphasis on developing a culture of social inclusion, providing multiple access points and supporting different modes of personal and community engagement.

Participants in this session will seed a collaborative installation that will animate the Ecsite MakerSpace and grow over the course of the conference with new elements.

GAME LAB

16:30 #GameLab

BRAINSTORM, TALK AND PLAYTEST

Learning, Science ♥ society

SPEAKER
Radhika Beaume, Graphic Designer, CRI- Interdisciplinary Research Center, Paris, France

Game Maker Challenge, or Help, I need a game!

The GameLab at Ecsite brings together people who are working with games and play in science centres and museums. They are experienced at creating games which range from real world escape rooms to virtual reality adventures, community game hacks to commissions. Game Maker Challenge #1: Come along, meet game makers and hear about the making of IncLudo, four games for social inclusion in India.

Les Vernets ice rink

19:30-00:00

Social event

Gala Dinner

Enjoy a giant Swiss Fondue at the Patinoire des Vernets, Geneva's ice rink. A convivial way to discover Switzerland, enjoying a gastronomic dish you cook yourself! An authentic cheese fondue from Fribourg, as smooth and creamy as you like, alphorn players and traditional flag throwers await you.

The Vernets ice rink is used mainly for ice hockey and hosts major sporting events including Geneva-Servette Hockey Club matches. Designed in 1959 by the architects Albert Cingria, François Maurice and Jean Duret, the building can accommodate more than 7,000 people.

There will be no meal served that evening, only drinks and snacks. Recommended dress code: casual. As for all events, don't forget to have your conference badge with you.

More information on page 146

FRI 8

Breakfast with the Ecsite Board

Exclusive for Ecsite members.

The Ecsite Board is pleased to invite staff of Ecsite member organisations to a members-only breakfast: an opportunity to meet board members in a relaxed setting.

Pre-booking only: we are afraid you can only attend if you included this event in your package when you registered online.

CONVENOR
Marianne Pouget, Deputy director, Cap Sciences, Bordeaux, France (also speaker)

SPEAKERS
Armin Duff, Head of Education, Swiss Science Center Technorama, Winterthur, Switzerland / **Sami Pihkala**, Exhibition producer, Heureka - The Finnish Science Centre, Vantaa, Finland / **Aur lie CHENEL**, Scientific mediator, universcience, Paris, France / **Ran Peleg**, Curriculum Developer and Project Manager, Weizmann Institute of Science, Rehovot, Israel / **Malika Yayon**, Chemistry Teacher and Trainer, Katzir High School and Weizmann Institute of Science, Rehovot, Israel / **Pippa Hough**, Senior Content Developer, Science Museum Group, London, United Kingdom

Escape games: an inspiration for science communication?

Many artistic and cultural places are taking inspiration from escape games for the design of their exhibitions and hands-on activities in order to engage (young) audiences attracted by storytelling and gamified content.

In this session, we would like to explore how to adapt gamification to our main mission of science engagement. How do we find the right balance between entertainment and scientific content? How do our audiences react to this type of format in which they do not have instructions and where the scientific content is not directly accessible? How do we deal with technical specifications, storytelling and scenography? If these new visitor experiences manage to attract new audiences to cultural institutions, can we measure their impact from a science engagement and science learning perspective?

CONVENOR
Joanna Kalinowska, Development Director, Copernicus Science Centre, Warsaw, Poland

SPEAKERS
Herbert M nder, General Manager, Universum Bremen, Germany / **Lynn Scarff**, Director, Science Gallery, Trinity College, Dublin, Ireland / **Laurent Chicoineau**, Director, Quai des savoirs, Toulouse, France

Technology advocates or whistle blowers?

Catalysing the support of science and technology-driven socio-economic development is inscribed in the mission of science engagement organisations. However, even though technology undeniably improves and benefits all aspects of our lives, there are serious threats connected with its rapid development, like e-addiction, deprivation of privacy and hazards brought about by artificial intelligence.

Is there a need for science engagement organisations to redefine their role? Should they continue to focus on the beneficial aspects of technology and the opportunities it creates while supporting the acquisition of digital and technological competences? Or should they become whistle-blowers, exposing the threats to society?

04 | 9:00 #room04

PANEL / FOUNDATIONS ●

Research, theory & evaluation

CONVENOR

Maria Zolotonosa, Senior Project Manager, Sparks project coordinator, Ecsite, Brussels, Belgium

SPEAKERS

Rose Jones, Director of Evaluation, Perot Museum of Nature and Science, Dallas, United States / **Suzana Filipecski Martins**, Project Manager, Ecsite, Brussels, Belgium, @suzanafm / **Nils Petter Hauan**, Head of Development, ViVite, Bergen Vitensenter AS, Bergen, Norway
Artur Kalinowski, Chief specialist in the Research Department, Copernicus Science Centre, Warsaw, Poland

Visitor research: the methodological mash-up

This session explores the methodological explosion that has been quietly unfolding in museums during the last decade. As the boundaries between Evaluation and Research are being reconfigured, so are the disciplinary borders and theoretical constructs that guide the methodologies used in museums. It's a research mash-up, a fusion and amalgamation of disparate methodologies colliding to transform the focus and scope of museum studies.

Speakers will showcase this methodological disruption by embracing and re-visioning a range of disciplinary frameworks (psychology, anthropology, social learning, technology) and research protocols (videos, self-reports, ethnography, collaborative dialogues). This focus establishes a solid foundation for reflection, dialogue and critical assessment.

05 | 9:00 #room05

PANEL / FOUNDATIONS ●

Equity & Inclusion, Exhibit development

CONVENOR

Peter Trevitt, Owner, Peter Trevitt Consulting, Cardiff, United Kingdom, @PeterTrevitt1

SPEAKERS

Vera Ludwig, Museum Scholar, Deutsches Museum, Munich, Germany
Virginie Lacombe, Exhibition Designer, universcience, Paris, France
Bettina Deutsch-Dabernig, Head of the Exhibitions, FRida & freD - The Graz Children's Museum, Graz, Austria / **Sylvaine Champagne**, Manager, Exhibitions, Ingenium Canada, Ottawa, Canada

How to create an inclusive exhibition for younger children

Reaching out to under-represented groups has become a prominent goal for a wide range of museums. In particular, children's museums and exhibition spaces for young visitors have a long tradition of making these target groups feel welcomed. Yet there seems to be an increasing demand for an even more inclusive approach when developing or refurbishing our exhibitions. For example, we have started to cater more effectively for the needs of a variety of children with special needs. Catering to the needs of one group could alienate another one, but resolving these challenges and designing more inclusive museum spaces for children helps all stakeholders learn and grow.

In this session, four different institutions will share the challenges, limits and opportunities they encountered in developing an inclusive museum space for children and discuss their various approaches.

06 | 9:00 #room06

REVERSE / EDGY ▲

Explainers & visitor services, Strategy & vision

CONVENOR

Isabelle Chappuis, Museums Coordinator, Board Member Association Mediamus, Mediamus, Swiss association for professionals in museum mediation, Bern, Switzerland

SPEAKERS

Diane Drubay, Founder, We Are Museums, Berlin, Germany,
Tina Huber, Director of Cultural Mediation Switzerland, Kulturvermittlung Schweiz, Zurich, Switzerland / **Gallus Staubli**, Head of Education & Knowledge Transfer, Museum of Communication, Bern, Switzerland

Humans versus machines: Who is the better museum mediator?

Let's add a human touch to this developing artificial intelligence world. We will reflect on the evolution of artificial intelligence (AI) in the museums world and see how scientific and cultural mediation can merge with AI to create what we call the best "museum mediator".

Following examples, visions and (hypo)thesis, we will consider this impressive technical development in museums. It can inspire our society to create a mediation tool which is not only intelligent and able to show new realities but that also follows a human-oriented approach.

13 | 9:00 #room13

INTERACTIVE SESSION

Exhibit development, Strategy & vision

CONVENORS

Dick de Jong, Manager Presentation & Collection, NEMO Science Museum, Amsterdam, The Netherlands

Amparo Leyman Pino, Principal, Yellow Cow Consulting, San Francisco, United States, @ampisquelinda

SPEAKERS

Kim Gladstone Herlev, Executive Director, Experimentarium, Hellerup, Denmark / **Patricia Verheyden**, Consultant, Patricia Verheyden Consulting, Vilvoorde, Belgium / **Lynn Scarff**, Director, Science Gallery, Trinity College, Dublin, Ireland / **Vlasta Volak**, CEO, Techmania Science Center, Pilsen, Czech Republic

Small and big sins of science communication

Are you ready to confess and be vulnerable? Valuable lessons can be learned from our mistakes, difficult moments and worries, so let's share them to maximise the learning process.

Under the guidance of our two convenors, serious issues and provocative questions will be raised in the audience. The room will be divided by a line, separating a "yes" side from a "no" side (or an "I did" side and an "I did not" side). Each confession will prompt participants to choose one side of the line. There will be time for spontaneous confessions, so come and share your own professional sins and mistakes!

15 | 9:00 / #room15

PANEL

Science ♥ society, Strategy & vision

CONVENOR

Maya Halevy, Director, The Bloomfield Science Museum Jerusalem, Jerusalem, Israel

SPEAKERS

Meie van Laar, senior project manager education, Science Learning Center, NEMO Science Museum, Amsterdam, The Netherlands, @meiegeerlings / **Annette Klinkert**, CEO city2science, city2science - Science Communication and Strategy Consulting, Herford, Germany, @city2science / **Frederick Fenter**, Executive Editor, Frontiers, Lausanne, Switzerland

SwafY – Science with and for Youth

Engaging and empowering future decision makers is crucial to “build effective cooperation between science and society”, as envisioned by the European Commission’s Science with and for Society (Swaf) programme, and to “recruit new talent to science and to pair scientific excellence with social awareness and responsibility... building capacities and developing innovative ways of connecting science to society”. Getting young people involved in international projects allows them “to work together and become part of the all societal actors... in order to better align both the process and its outcomes with the values, needs and expectations of European society”. In particular, it is important to encourage awareness of the scientific method among young people.

Hear from three RRI-minded international projects aimed at youth, as speakers share the opportunities and challenges they are encountering.

18 | 9:00 #room18

PHOTO FORUM / FOUNDATIONS ●

Learning, Equity & Inclusion

CONVENOR

Elizabeth McGregor Jacobides, PhD, Cambridge University, London, United Kingdom, @wonderworldsci

SPEAKERS

Peter Wardrip, Assistant Professor of STEAM Education, University of Wisconsin, Madison, United States / **Daniel Rosqvist**, Science Center Manager, Tekniska museet, Stockholm, Sweden / **Alina Natmessnig**, Projectmanager, Science Center Netzwerk, Vienna, Austria / **Pedro Pombo**, Director, Fábrica Science Centre, Aveiro, Portugal

Transitioning tinkering to the classroom: setting the stage

While making and tinkering currently occupy mostly informal environments (museums, libraries, MakerSpaces, etc.) they have exciting potential in outreach to and integration into formal learning environments. Bringing making/ tinkering into schools and classrooms presents a range of specific challenges, constraints and possibilities.

This photo forum and discussion will present six different approaches developed by educators in five different countries. Each presenter will display a photograph of a schoolroom they constructed or adapted for a making or tinkering workshop and discuss their experiences and considerations when choosing the activity, shaping the environment, navigating the constraints of time and space, conducting the facilitation, and more.

MAKER SPACE | 9:00 #EcsiteMakers

DROP-IN SESSION

Learning

Drop-in and make

The Ecsite MakerSpace is a physical location at the conference centre curated by a group of tinkerers and educators from all over the world. In this inspiring environment full of tools, materials and demonstrations, we’ll present hands-on workshops and use these experiences to spark reflective discussions about why making and tinkering matter for museums, science centres and other science engagement venues. Throughout the entire conference, learn about high and low tech tools/digital fabrication, get to know local artists and makers and test prototypes.

Whether you are an experienced maker or a complete newcomer, we invite you to stop by for a workshop or pop in at breaks to engage with projects, meet new collaborators and share ideas. This year we’ll be investigating the “creative collisions” of cardboard with science, art and technology by building marble runs, experimenting with computation and constructing unusual mechanisms.

GAME LAB | 9:00 #GameLab

DROP-IN SESSION

Learning, Science ♥ society

CONVENORS

Isabelle Chabanon-Pouget, ICT explainer, universcience, Paris, France, @isa_carrnum / **Melissa Richard**, ICT explainer, universcience, Paris, France

Drop-in and play

The GameLab is an informal space run by an international team of game developers. With experience of many forms of game making from real world live action to virtual reality they invite you to drop in and explore how games and play can be used in museums and science centres.

The Ecsite GameLab is open all day, every day. It is a drop-in space, alternating informal play times and more specific sessions and workshops. There will be games to play and game makers to meet. Do you need to play-test your idea for a game? Bring it along and get feedback. Need help commissioning a game? Come and get some advice. Got a tricky challenge for the game makers? Bring it along. Share your games and make new games. Drop in and play.

01 | 10:30 #room01

KEYNOTE ■ / EDGY ▲



James Beacham

The Kavli Foundation keynote lecture

As a member of the ATLAS collaboration, one of the teams that discovered the Higgs boson in 2012, at CERN's Large Hadron Collider (LHC), James Beacham searches for evidence of new particles — dark matter, gravitons, dark photons, and exotic Higgs bosons among them — that could provide answers to the fundamental open questions of physics.

Beacham completed his Ph.D. degree at New York University in 2014 and is currently a postdoctoral researcher with the ATLAS experiment group of The Ohio State University, based full-time in Geneva, Switzerland. In addition to his research, he is a frequent speaker at popular science, technology, and futurism conferences and art/science events around the world, and has spoken about artificial intelligence at the BBC and dark matter at Gizmodo. His talk, "How we explore unanswered questions in physics", was featured on TED.com and has been viewed over 1.4 million times. He has made numerous appearances on podcasts and radio shows, including NPR's "Science Friday", has participated in documentaries on the BBC, Discovery, and the Smithsonian Channel, as well as independent productions, and talked particle physics with outlets like The New York Times, Wired, and Gizmodo.

Beacham trained as a filmmaker before becoming a physicist and is interested in the connections between high-energy particle physics and exploratory art, film, and music. In 2015, Beacham launched Ex/Noise/CERN, a project colliding particle physics with experimental music and film to celebrate the LHC's switch on to 13 trillion electron volts.

SPEAKER

James Beacham, James Beacham, Particle physicist, ATLAS Experiment at CERN, CERN, the European Laboratory for Particle Physics, Geneva, Switzerland

KEYNOTE SPONSOR

THE  KAVLI FOUNDATION

01 | 12:00 #room01

INFORMAL Q&A / EDGY ▲

Strategy & vision

SPEAKER

James Beacham, Particle physicist, ATLAS Experiment at CERN, CERN, the European Laboratory for Particle Physics, Geneva, Switzerland

Conversation with James Beacham

Your opportunity to engage in conversation with particle physicist James Beacham after hearing his keynote in the previous time slot.

03 | 12:00 #room03

REVERSE / EDGY ▲

Science ♥ society, Exhibit development

CONVENOR

Justin Dillon, Professor of science and environmental education, University of Exeter, Exeter, United Kingdom, @JustinDillonUoB

SPEAKERS

Tania Jenkins, science communicator, EvoKE- Evolutionary Knowledge for Everyone - Museomix, Bern, Switzerland / **Maartje Kijne**, Educational Content Developer, Naturalis Biodiversity Center, Leiden, The Netherlands / **Yamama Naciri**, Head curator, Conservatoire & Jardin botaniques de Genève, Geneva, Switzerland / **Henrik Sell**, Deputy Director, Natural History Museum Aarhus, Aarhus, Denmark

Public engagement with evolution: beyond giraffes and genes

Evolution is the cornerstone of modern biology and is central to the public understanding of science. Scientific literacy in evolution is crucial if citizens are to make informed decisions on societal issues including climate change, food security, antibiotic resistance or biodiversity loss. Understanding that human diversity is a result of evolution also affects social cohesion and promotes more inclusive societies.

However, research shows that acceptance and understanding of evolution varies throughout the world. This is partly because evolution is often not covered adequately in school curricula. Natural history museums, science centres, zoos and botanic gardens, as places that promote lifelong learning, therefore have a major role to play in the public understanding of evolution.

04 | 12:00 #room04

PANEL / EDGY ▲

Exhibit development, Learning

CONVENOR

Carina Jaatinen, Head of Exhibitions, Heureka - The Finnish Science Centre, Vantaa, Finland

SPEAKERS

Lee Skolnick, FAIA, Principal, Lee H. Skolnick Architecture + Design Partnership, New York, United States, @LHSADP / **Suzanne MacLeod**, Professor of Museum Studies, School of Museum Studies, University of Leicester, Leicester, United Kingdom / **Mikko Myllykoski**, Experience Director, Heureka - The Finnish Science Centre, Vantaa, Finland, @MikkoMyl

The exponential potential of narrative - Part 1

Like “storytelling”, the word “narrative” has been applied to everything and is starting to lose all its meaning. But for those of us who seek to create experiences that inform and enlighten, narrative has become an effective ‘go-to’ approach. The process of science-making is narrative: coming up with hypotheses, testing them, and correcting them. It is only natural, then, that we have adopted the model of narrative to shape and promote science stories.

However, we have usually confined our deployment of narrative to the development of individual exhibitions. What if we expanded our reach? Could curators, educators, architects, designers, interactive and media producers integrate their work to make environments that actually embody their chosen stories and deliver the most concentrated and revelatory experiences?

This session studies the roots, meanings and employment of narratives in the museum context, followed by a demonstration of concrete examples.

05 | 12:00 #room05

PANEL

Learning, Collections

CONVENOR

Marianne Achiam, Associate professor, Department of Science Education, University of Copenhagen, Copenhagen, Denmark

SPEAKERS

Sara Tougaard, Education Manager, Natural History Museum of Denmark, Copenhagen, Denmark / **Yuri Matteman**, Head of Education, Naturalis Biodiversity Center, Leiden, The Netherlands / **Anne Land**, Assistant professor, Leiden University, Leiden, The Netherlands
Emma Cook, Exhibition Manager, We The Curious, Bristol, United Kingdom, @eloucookie / **Katarzyna Potega vel Zabik**, Specialist, Copernicus Science Centre, Warsaw, Poland

Orchestrating profound object-based learning

Museums are jam-packed with objects and artefacts with scientific significance and have a long tradition of making these objects relevant to visitors.

In this session, we dig deeper into object-based education practices. First, we present state-of-the-art examples of planning and evaluating object-based science learning in museums. Then, we engage participants in identifying how to make the transition from ‘Show and Tell’ to more profound object-based learning situations in which objects are actively integrated into the learning environment, and where visitors are empowered to engage in inquiry with them.

The discussion will specifically target the role of objects in the acquisition and dissemination of subject-specific knowledge, and the potential of objects to promote cross-disciplinary skills like observational, practical and other transferable skills.

06 | 12:00 #room06

PECHAKUCHA

Strategy & vision, Learning

CONVENORS

Camilla Rossi-Linnemann, Education and International Relations, Museo Nazionale della Scienza e della Tecnologia ‘Leonardo da Vinci’, Milan, Italy / **Giulia de Martini**, Independent researcher, SPARK - Science and Art, Milan, Italy

SPEAKERS

John Durant, Director, MIT Museum, Massachusetts Institute of Technology, Cambridge, United States / **Karen Wilkinson**, Director, The Tinkering Studio, Exploratorium, San Francisco, United States, @TinkeringStudio / **Lim Tii Meng**, CEO, Singapore Science Centre, Singapore, Singapore / **Patrizia Cerutti**, Museo Nazionale della Scienza e della Tecnologia ‘Leonardo da Vinci’, Milan, Italy / **Samar D. Kirresh**, Senior Researcher - Science Studio, A. M. Qattan Foundation, Ramallah, Palestine / **Maria Pfeifer**, Senior Curator & Researcher, Ars Electronica Futurelab, Linz, Austria / **Marina Leonard**, Programme manager, Quai des savoirs, Toulouse, France / **Samuela Caliali**, Head of Audience Development, MUSE - Museo delle Scienze, Trento, Italy

Art as agent of change for our institutions

Today, the world of scientific research and innovation is asked to connect more closely to society, embracing the concept of responsibility and working towards models of cooperation and interrelation. Consequently, science engagement organisations are also forced to challenge their traditional role and their communication methodologies.

Can the arts play a role in this process? Can they help curators to better convey complex messages? Can they foster a more open and personal approach to scientific issues? Can they become tools of inclusion, allowing diverse audiences to join the scientific debate? Can they provide scientists with unusual and influential perspectives?

13 | 12:00 #room13

WORKSHOP / EDGY ▲

Learning, Research, theory & evaluation

CONVENOR

Laurent Bontoux, Foresight specialist, European Commission Joint Research Centre, Brussels, Belgium (also speaker)

SPEAKERS

Frank Kupper, Assistant Professor Science Communication, Athena Institute, Amsterdam, The Netherlands / **Epaminondas Christophilopoulos**, Head of Foresight unit, PRAXI Network / FORTH, Thessaloniki, Greece / **John Sweeney**, COO & Chief Futurist, Etch, London, United Kingdom / **Jantien Schuijjer**, Junior Researcher Responsible Research and Innovation, Athena Institute (Vrije Universiteit Amsterdam), Amsterdam, The Netherlands

Learning to grasp the future: a simulation tool

We often take decisions that affect our long-term future on the basis of present considerations, thinking very little about long-term changes. We are also asked periodically to make choices (e.g. in elections) that could shape society for a long time. Uncertainty about the future is always very high, however the future can be built to a large extent. How can we help people create a balanced and reasoned view of the future?

Developed by the European Commission's Joint Research Centre (JRC), the Scenario Exploration System (SES) is an award-winning future simulation tool. It has already been used to make people reflect on future applications of nanotechnologies, EU food safety policies, EU-China cooperation in research and innovation, etc. Join this hands-on demonstration and learn how to create your own version of the game.

15 | 12:00 #room15

PANEL
Learning, Research, theory & evaluation

CONVENOR
Sheena Laursen, Programme Manager - International Relations and Learning, Experimentarium, Hellerup, Denmark, @SheenaLaurse
SPEAKERS
Pia Maria Lie, Head of School Services, Experimentarium, Hellerup, Denmark / **Thomas Dyreborg Andersen**, Associate Professor, University College Copenhagen, Copenhagen, Denmark / **Luigi Amodio**, Director of the Science Centre, Fondazione IDIS - Città della Scienza, Naples, Italy / **Tina Ibsen**, Head of Science and Outreach, Tycho Brahe Planetarium, Copenhagen, Denmark, @Tina_Ibsen

Strengthening school visits to our exhibitions

Science centres and museums reach out to schools because they are an important target group. Many teachers and students visit our exhibitions on their own. Sometimes schools come unprepared and don't have a clear purpose for their visit. This can create a missing link between the experience and learning happening at the exhibition and what's going on in the science class at school.

This session will focus on learning concepts that are concrete attempts to strengthen school visits to science exhibitions, making sure that schools get the most out of their visit. The aim is to support and bring the teacher's professionalism into play before, during and after a visit. This ensures that students reach the desired learning outcomes and can link what they learn in the exhibition to the learning going on at school.

18 | 12:00 / #room18

PANEL
Explainers & visitor services, Research, theory & evaluation

CONVENOR
Eamonn O'Neill, Head of Department, University of Bath, Bath, United Kingdom
SPEAKERS
Annette Lein, Head of Online Media, Deutsches Museum, Munich, Germany / **Yihuan Lin**, Exhibit-interdisciplinary & curate/Director, National Taiwan Science Education Center, Taipei, Taiwan
André Seirafi, Co-Founder, CEO, Fluxguide, Vienna, Austria
Jack Gelsthorpe, Learning Researcher, The Natural History Museum London, London, United Kingdom

Evaluating museum apps

Developing an app takes a lot of time and effort. It has to have an effective design, be simple to use, and most importantly provide relevant, timely and engaging content for the user. Yet, despite all the work we put into planning, developing and launching our museum apps, we are never sure how they will be accepted by our visitors. More often than not, the expectations we have of our apps collide with the actual reality of their use.

In this session we will discuss key issues in the design and evaluation of museum apps. Who uses them, where and how, and with which device? How engaging is the content for the visitors? Can a museum app simultaneously inform and entertain? How do we collect and evaluate data to evaluate our apps? What can we learn for future improvements to app design, user experience and museum requirements?

MAKER SPACE | 12:00 #EcsiteMakers

WORKSHOP
earning, Science ♥ society

CONVENOR
Sebastian Martin, Tinkering Studio Project Specialist, Exploratorium, San Francisco, United States, @smartinseb
SPEAKERS
Ryan Jenkins, Co-Founder, Education, Wonderful Idea Co., San Francisco, United States, @ryanejenkins / **Ricardo Nemirovsky**, Professor, Manchester Metropolitan University, Manchester, United Kingdom
Tam Dibley, Research Assistant, Manchester Metropolitan University, Manchester, United Kingdom / **Lindsay Balfour**, Content and Community Manager, Strawbees AB, Gothenburg, Sweden

Computational Tinkering

Computational Tinkering is a new initiative developed by the Exploratorium science centre (San Francisco, United States), aimed at supporting learners in combining coding and making in ways that support personal expression, creativity and independent problem-solving.

In this hands-on workshop, we will experiment with simple and complex programmable moving contraptions made out of everyday materials - marble machines, automata and more. We will tinker and construct with code on digital devices as well as with materials in the real world inviting learners with a wide variety of interests and skill sets.

Participants will gain hands-on experience of a variety of activities involving computation and then reflect on how to create meaningful computational tinkering experiences in the physical and digital world.

GAME LAB | 12:00 #GameLab

WORKSHOP / EDGY ▲
Exhibit development, Learning

CONVENOR
Kate Kneale, Director, HKD, United Kingdom, @KnealeK
SPEAKERS
Ran Peleg, Curriculum Developer and Project Manager, Weizmann Institute of Science, Rehovot, Israel / **Malka Yayon**, Chemistry Teacher and Trainer, Katzir High School and Weizmann Institute of Science, Rehovot, Israel / **Claudia Sodini**, teacher, k-production, Viareggio, Italy
Yael Bamberger, Experiential Learning Spaces Developer & Designer, EdQuest - Twist in Education, Haifa, Israel / **John Sear**, Game Designer, Museum Games, Birmingham, United Kingdom, @MrJohnSear

Escape room demonstration

For this session the Ecsite conference's GameLab space will be turned into an escape room: a game in which participants are confined to a room and must solve puzzles to successfully escape within a certain time frame. Escape rooms are a huge buzz in popular culture and are popping up in cities around the world - quite rightly so. Well-designed escape rooms are challenging in the right amount, offer a mix between luck and intelligence, allow for group interactions and are thus a great form of entertainment.

Following the demonstration we will discuss the potential implementation of escape rooms in museums and other informal learning environments. How do we stand up to the design levels of commercial escape rooms and address additional design concerns such as educational context, links to existing exhibitions, mobility and accommodation of big groups? Suggestion: attend the Escape games: an inspiration for science communication? panel discussion early on the same day before enjoying this demonstration and practical session.

01 | 14:30 #room01

PARODY TRIAL

Science ♥ society, Research, theory & evaluation

CONVENOR**Sharon Ament**, Director, Museum of London, London, United Kingdom**SPEAKERS****Aiki Giannakopoulou**, Project Manager, Ellinogermaniki Agogi SA, Athens, Greece / **Brad Irwin**, Partnerships Development Manager, The Natural History Museum London, London, United Kingdom, @NHM_Global / **Robert Firmhofer**, CEO, Copernicus Science Centre, Warsaw, Poland**Citizen science on trial**

The Supreme Court of the Ecsite Conference will decide whether citizen science projects are still allowed to be operated or should be sent to jail on life sentence.

Join our esteemed solicitors and a group of mystery witnesses who will provide evidence to inform the Jury whether citizen science is what many claim nowadays (lazy science) or whether it is a robust engagement model and here to stay. Is it a fashion long gone, like the poncho in the 1970s? Or is it relevant as ever and meant to take the lead in our activities in the coming years? Come to the court to participate as jury member and use your analytical skills to work on the case.

03 | 14:30 #room03

REVERSE / FOUNDATIONS ●

Exhibit development, Science ♥ society

CONVENOR**Lizzy Moriarty**, Audience Engagement Advisor, Lizzy Moriarty, London, United Kingdom**SPEAKERS****François Briard**, Head of the Visitors and Local Engagement, CERN, the European Laboratory for Particle Physics, Geneva, Switzerland
Audrey O'Connell, Museum Consulting, Audrey O'Connell + Associates, Seattle, United States / **John Durrant**, Director, BDH Immersive, Bristol & London, United Kingdom / **Anna Omedes**, Director, Museu de Ciències Naturals de Barcelona, Barcelona, Spain, @AOmedesR**Virtual reality: pros and cons for science communication**

Science engagement organisations have a wealth of potential content for virtual and augmented reality applications. However there are a lot of questions about cost, operations and the validity of these new technologies as interpretation tools. How is the use of these new technologies most effective? Does VR aid learning and visualising the invisible? Is it technology for technology's sake or can VR and AR engage audiences more effectively than other interpretation tools?

We will explore funding sources for the development of factual content and discuss working with technology partners such as Samsung and Oculus. We will also hear how scientists can directly use new technologies to inspire a love of learning as well as explain their research. Participants will try out gears and discuss their use in programming, visitor engagement and beyond-the-walls engagement.

04 | 14:30 #room04

WORKSHOP

Exhibit development, Learning

CONVENORS**Carina Jaatinen**, Head of Exhibitions, Heureka - The Finnish Science Centre, Vantaa, Finland / **Lee Skolnick**, FAIA, Principal, Lee H. Skolnick Architecture + Design Partnership, New York, United States, @LHSADP
Suzanne MacLeod, Professor of Museum Studies, School of Museum Studies, University of Leicester, Leicester, United Kingdom
Mikko Myllykoski, Experience Director, Heureka - The Finnish Science Centre, Vantaa, Finland, @MikkoMyl**The exponential potential of narrative - Part 2**

This workshop follows up on, and offers an opportunity to put into practice the themes of the preceding panel session.

Participants will be invited to take on one of a series of group projects wherein they are provided with a topic, asked to create a corresponding narrative that grows out of that content, and then challenged to imagine design strategies to embody and communicate that narrative in any combination of architecture, exhibition, graphic and interactive design that could form a visitor experience.

After conceptualising and representing their creative responses, each team will share their ideas with the larger group of participants in order to demonstrate the interpretive power of narrative as a design tool.

05 | 14:30 #room05

REVERSE

Science ♥ society, Research, theory & evaluation

CONVENOR**Frank Kupper**, Assistant Professor Science Communication, Athena Institute (Vrije Universiteit Amsterdam), Amsterdam, The Netherlands**SPEAKERS****Jantien Schuijjer**, Junior Researcher Responsible Research and Innovation, Athena Institute (Vrije Universiteit Amsterdam), Amsterdam, The Netherlands / **Patrizia Famà**, Scientific Communicator, MUSE - Museo delle Scienze, Trento, Italy / **Maria Zolotonosa**, Senior Project Manager, Sparks project coordinator, Ecsite, Brussels, Belgium
Marianne Pouget, Deputy director, Cap Sciences, Bordeaux, France**Stakeholder interaction platforms: lessons learnt**

Responsible Research and Innovation (RRI) stresses that societal engagement is essential for steering research and innovation towards acceptable ends. The idea is that carefully facilitated interactions between societal actors (dialogues or co-production processes, for example) can help to better identify and integrate societal perspectives in research and innovation processes. This new way of "doing" science calls for effective stakeholder interaction platforms.

Conference sessions in previous years have explored the potential role that science engagement organisations could play here. We are now moving one step further and taking stock of all our experiences: what have we learned about the role of science engagement organisations as platforms for stakeholder interaction and dialogue in RRI contexts?

06 | 14:30 #room06

PANEL

Exhibit development, Research, theory & evaluation

CONVENOR

Ricardo Nemirovsky, Professor, Manchester Metropolitan University, Manchester., United Kingdom

SPEAKERS

Albrecht Beutelspacher, Director, Mathematikum, Giessen, Germany
Margaret Brown, Emeritus Professor, King's College London, London, United Kingdom / **Cindy Lawrence**, Executive Director & CEO, National Museum of Mathematics, New York, United States / **Lars Paulsson**, Curator/project manager, Tekniska Museet, Stockholm, Sweden

Mathematical interactive exhibits and bodily engagement

Hear from speakers questioning the image of mathematics as immaterial and abstract by striving to create learning environments in which elementary and advanced mathematical ideas can be encountered in lively, playful, accessible, tangible, and open-ended ways.

The design of these learning environments elicits complex and significant questions. Can interactive mathematical exhibits be fruitful avenues for the introduction of mathematical symbolisms? Should their learning objectives be constrained by the school curriculum? Are normative solutions compatible with open-ended and exploratory inquiries? How to go beyond guessing pre-determined answers known by others? Can interactive exhibits bridge the dissociation between mathematics and bodily activity?

13 | 14:30 #room13

PROJECT SHOWCASE

Science ♥ society

CONVENOR

Suzana Fillepecki Martins, Project Manager, Ecsite, Brussels, Belgium (also speaker)

SPEAKERS

Sami Pihkala, Exhibition producer, Heureka - The Finnish Science Centre, Vantaa, Finland / **Loris Cecchini**, Artist, Studio Loris Cecchini, Berlin, Germany / **Carla Giusti**, Director Exhibition Team, Fondazione IDIS - Città della Scienza, Naples, Italy / **Xenia Theodotou Schneider**, Managing Director, XPRO Consulting Limited, Nicosia, Cyprus
Iwona Gin, Head of European Projects, NAUSICAA National Sea Experience Centre, Boulogne-sur-Mer, France / **Elisa Atger**, Project Officer, World Ocean Network, Boulogne-sur-Mer, France
Francisco Franco del Amo, Technical Manager-Aquarium Finisterrae, Museos Científicos Coruñeses, A Coruña, Spain / **Bruna Valettini**, Acquario di Genova, Genoa, Italy / **Guglielmo Maglio**, Manager of Exhibitions, Fondazione IDIS - Città della Scienza, Naples, Italy
Carole Paleco, Responsible for European projects, Royal Belgian Institute of Natural Sciences, Brussels, Belgium / **Ana Noronha**, Executive Director of Ciência Viva, Pavilion of Knowledge (Pavilhão do Conhecimento) – Centro Ciência Viva, Lisbon, Portugal
Manuel Cira, Head of International Relations, NAUSICAA national Sea Experience Centre, Boulogne-sur-Mer, France / **Pieter Tijtgat**, Science Communicator, Odisee, Brussels, Belgium / **Andreas Matt**, CEO, IMAGINARY gGmbH, Berlin, Germany / **Juanita Schläpfer-Miller**, Science Communication Specialist, ETH Zürich, Plant Science Center, Zurich, Switzerland / **Ingeborg Veldman**, Project Leader Science LinX, Science LinX - University of Groningen, Groningen, The Netherlands
Naama Charit Yaari, Physics director, curator, Clore Garden of Science - Davidson Institute of Science Education, Rehovot, Israel
Oshrit Navon-Man, Head of Science Program of Classes, Clore Garden of Science - Davidson Institute of Science Education, Rehovot, Israel
Erik Arends, Physics Outreach Officer, Leiden University, Leiden, The Netherlands / **Carmen Fenollosa**, Project Manager, Ecsite, Brussels, Belgium / **Cristina Paca**, Project Assistant, Ecsite, Brussels, Belgium

Project showcase

Could an object describe your entire project? The courageous speakers of this session took on this challenge and will be telling you about their projects in an original and jargon-free style. Expect a 2-minute story for each project, followed by 45 minutes of networking.

Join to get a quick overview of ongoing non-profit actions and meet those behind the showcased collaborative initiatives.

15 | 14:30 #room15

REVERSE

Learning, Equity & Inclusion

CONVENOR

Sarah Kellberg, Curator / PhD Candidate, Deutsches Museum, Munich, Germany

SPEAKERS

Ronen Mir, Director - Schwartz-Reisman Science Education Centers, Clore Garden of Science - Davidson Institute of Science Education, Rehovot, Israel / **Noel Jackson**, Head of Education, International Centre for Life, Newcastle Upon Tyne, United Kingdom / **Pedro Pombo**, Director, Fábrica Science Centre, Aveiro, Portugal / **Lorenz Kampschulte**, Scientific Coordinator, Kiel Science Outreach Campus KiSOC, Kiel, Germany

Bringing informal and formal science education closer together

In this session we present four practical examples of activities and tools connecting formal and informal education on different levels. Case studies include a national programme connecting science centres and school, a science club run in collaboration with schools from deprived areas, research-like experiments conducted with pupils at a science education centre to support their curricular studies and a study on digital and analogue tools connecting formal and informal learning organisations.

These four reports will be summarised and integrated into a larger picture. Participants will be invited to take part in this "picture painting" by sharing their own experiences and ideas on how to bridge the gap between informal and formal science education.

18 | 14:30 #room18

REVERSE

Learning, Explainers & visitor services

CONVENOR

Vesna Pajić, Project Manager, Ustanova Hiša eksperimentov, Ljubljana, Slovenia

SPEAKERS

Luka Vidic, Research Editor, Ustanova Hiša eksperimentov, Ljubljana, Slovenia / **Didier Laval**, Public Engagement Associate, University of Bristol, Bristol, United Kingdom / **Bob Friedhoffer**, Researcher / Speaker, City University of New York - retired, New York, United States

Spurring interest with discrepant events

Using the terms and tools of magic, metaphysics, superstition, alternative truth, healing, miracles in science communication can spur our audience's imagination and make them wonder what it is they have just seen and how it happened. Surprising intermezzos stand out and stick in our memories. Used in appropriate doses, these discrepant or counterintuitive events can serve to "season" our communication.

Science communication techniques using discrepant events will be demonstrated by the speakers, after which we count on you, dear participants, to share your experiences during a debate. Surprise yourself and attend this session. We know you will: it is written in your horoscope!

MAKER SPACE | 14:30 #EcsiteMakers
WORKSHOP
Learning, Science ♥ society

CONVENOR
Lindsay Balfour, Content and Community Manager, Strawbees AB, Gothenburg, Sweden
SPEAKERS
Daniel Rosqvist, Science Center Manager, Tekniska museet, Stockholm, Sweden / **Olle Bjerkås**, Inventor, Fraktalfabriken, Göteborg, Sweden

Hacking games with Strawbees

In this workshop, combine the power of cardboard, Strawbees tinkering tools and drinking straws together with gamification challenges. Recreate classic carnival games and "hack the game" with varying levels of difficulty and challenges provided by the team. Can you make a crane game without using your hands or build an extending arm that can pick up 3 different items? Transform solid and rigid cardboard games into mobile structures with Strawbees linkages to bring gameplay to the next level. Animate creatures to slide back and forth for a ball toss, design a crane to lift, a giant cardboard hand to pick up and move objects, and so much more.

GAME LAB | 14:30 #GameLab
SHOWCASE
Learning, Science ♥ society

SPEAKER
Fabrice Jouvenot, Gamelab Director - Senior Experience Designer, CRI - Interdisciplinary Research Centre, Paris, France, @DanteOnyrium

Four mixed reality games for learning science

A showcase of four games currently in development at the CRI - Interdisciplinary Research Centre (Paris, France). These games are using new digital tools to create immersive and narrative experiences delivering content to general audience, children and researchers.
Featured: HoloMath, Hello Houston, Augmented Gymnasium and Somanaute.

01 | 15:45 -17:00 #room01

Ecsite Annual General Meeting

The Ecsite Annual General Meeting (AGM) is open to all Ecsite members. Only Full members of Ecsite have voting rights.

03 | 17:00 #room03
PECHAKUCHA
Learning, Equity & Inclusion

CONVENOR
Carlin Hsueh, Project Manager, Association of Science-Technology Centers, Washington DC, United States, @biotechtour
SPEAKERS
Maria Zolotonosa, Senior Project Manager, Sparks project coordinator, Ecsite, Brussels, Belgium / **Walter Staveloz**, Director International Relations, Association of Science-Technology Centers, Washington DC, United States / **Yumi Miyahara**, Curator, National Museum of Emerging Science and Innovation (Miraikan), Tokyo, Japan / **Muki Haklay**, Professor of Geographic Information Science, University College London, London, United Kingdom

Multi-country science engagement programmes

Public engagement with and understanding of science are central to improving standards of living everywhere and to building a better future for the planet. Science engagement players can play a crucial role in connecting global communities while still celebrating the world's diversity on the local level.
In this session we will look at global science engagement programmes and how they have been able to successfully, and unsuccessfully, cross borders. Speakers from projects spanning Europe, the Americas, Africa, and Asia/Asia Pacific regions will each give a PechaKucha style presentation focusing on the opportunities and issues that hinder multi-country programmes. After these quick-fire presentations, the audience will dive into specific issues guided by participants' questions.

04 | 17:00 #room04

WORKSHOP

Business & fundraising

CONVENOR

Marie-Sophie Mugica, Head of international affairs department, universcience, Paris, France

SPEAKERS

Gemma Levett, Head of Consultancy and Touring Exhibitions, Science Museum Group, London, United Kingdom / **Marc Chavand**, Chief of the legal department, universcience, Paris, France
Bruno Araújo-Gomes, Head of Exhibitions Unit, Pavilion of Knowledge (Pavilhão do Conhecimento) – Centro Ciência Viva, Lisbon, Portugal

Towards more efficient cooperation contracts

Science engagement organisations regularly sign contracts with each other, for instance to collaborate on exhibitions. Each partner has its own practices when it comes to contract policy and drafting, reflecting its specific working culture and processes. A contract sets a bridge between partners despite these differences and tries to foster a shared understanding of the future cooperative process.

Many interests are at stake: pooling resources and risks, sharing costs, defining responsibilities, funding projects, boosting brands, etc. The more we have to do together, the more we have to specify borders between our respective roles. The contracting phase is sometimes perceived as unnecessarily long and repetitive. Are there ways to be more efficient together?

05 | 17:00 #room05

PANEL / FOUNDATIONS ●

Explainers & visitor services, Learning

CONVENOR

Tori Tasker, Public Programmes Team Leader, National Space Centre, Leicester, United Kingdom,

SPEAKERS

Freddy Grip, Lead Developer, Vetenskapsens Hus (Stockholm House of Science), Stockholm, Sweden, @freddygrip / **Karin Garber**, Managing Director, Vienna Open Lab, Vienna, Austria / **Tamela Maciel**, Space Communications Manager, National Space Centre, Leicester, United Kingdom

Scientists as explainers: pros and cons

Who makes the best explainer – a scientist trained to communicate, or a communicator trained in science?

Join us as we unpack the role of the explainer as a science communicator, discuss the pros and cons of recruiting explainers from a university-level science background and share practical training tips. At each of our science centres, we use university students as explainers to communicate science and inspire visitors. Our explainers' scientific backgrounds add knowledge and credibility to our centres, and in turn, they gain invaluable science communication experience. Visitors benefit from the chance to meet real-life scientists, engage in scientific investigations, and perhaps realise that scientists are just like them.

However, there are also challenges in recruiting and training scientists to be engaging communicators.

06 | 17:00 #room06

RESEARCH CASE STUDY / EDGY ▲

Research, theory & evaluation, Exhibit development

SPEAKERS

Wolfgang Kesselheim, Head of the URPP Language and Space Labs, University of Zurich (Linguistics), Zurich, Switzerland / **Armin Duff**, Head of Education, Swiss Science Center Technorama, Winterthur, Switzerland / **Christoph Hottiger**, PhD student, University of Zurich, Zurich, Switzerland / **Christina Brandenberger**, PhD student, URPP Language and Space, University of Zurich, Zurich, Switzerland

Analysing visitors' conversations

How do we explore natural phenomena around us? What does it take for personal discoveries to happen? Due to the internal and subjective nature of these processes, these questions are almost impossible to answer.

However, when visitors explore exhibits, they are often not alone but experiment and observe together. Studying their often intense conversations allows us to get an insight into the (inter) personal processes of discovery and the interactive construction of knowledge.

Over several months a team from the University of Zurich video-recorded visitors exploring exhibits at the Technorama science centre. An open exploration of these dialogues, based on the method of Conversation Analysis, uncovers unexpected situations and provides pointers to optimise exhibits for truly personal discoveries.

13 | 17:00 #room13

PANEL

Exhibit development, Collections

CONVENOR

Caroline Breunese, Head of Exhibitions, Naturalis Biodiversity Center, Leiden, The Netherlands

SPEAKERS

Sjan Janssen, Senior project manager for exhibitions, Naturalis Biodiversity Center, Leiden, The Netherlands / **Isabelle Du Four**, Project manager for exhibitions, Royal Belgian Institute of Natural Sciences, Brussels, Belgium / **Javier Hidalgo Gil**, Head of science exhibition and programmes, Fundació Bancària "la Caixa" (CosmoCaixa Barcelona), Barcelona, Spain

Displaying live animals in museums

Traditionally, museums of natural history collect stuffed animals. In exhibitions these objects are used to illustrate themes involving biology, ecology, biodiversity and species. In order to explain the behaviour of animals, museums often use films.

But some choose to display live animals. Three museums share their experience with this other type of 'object'. How can live and dead animal exhibits be combined? What kind of regulation is needed to display live animals? How do visitors respond? Do we need other educational tools?

15 | 17:00 #room15

REVERSE
Exhibit development

CONVENOR

Leonel Alegre, Experience and Content Manager, Toyno - space experience design studio, Lisbon, Portugal

SPEAKERS

Per-Edvin Persson, professor, Ecsite Honorary Fellow Per-Edvin Persson, Helsingfors, Finland / **Nuno Ferrand de Almeida**, Full Professor/Director, Natural History and Science Museum of the University of Porto (MHNC-UP), Porto, Portugal / **Hernán Crespo Bermejo**, FM CaixaForum, Fundació Bancaria "la Caixa", Barcelona, Spain

The pleasure of conversation:
a tribute to Wagensberg

According to the physicist and museographer Jorge Wagensberg, conversation – with reality, with other people or with ourselves – is a fundamental process in the acquisition of new knowledge. Wagensberg gave conversation such great importance that his practice of Total Museology was essentially based on it and he dreamt about science museums as places of conversation built through conversation.

In the year of Wagensberg's passing, we acknowledge the impact of his ideas in the field of science centres and museums by creating a moment of free-flowing conversation about topics that are key to the understanding of our work: what is a science centre and a science museum? What is conversation? How are science centres and museums encouraging conversation and stimulating intellectual pleasure?

18 | 17:00 #room18

PANEL
Learning

CONVENOR

Rannei Solbak Simonsen, Educator, Tekniska museet, Oslo, Norway

SPEAKERS

Peter Wardrip, Assistant Professor of STEAM Education, University of Wisconsin, Madison, United States / **Elizabeth McGregor Jacobides**, PhD, Cambridge University, London, United Kingdom, @wonderworldsci
Lisa Brahms, Director of Learning & Research, Children's Museum of Pittsburgh, Pittsburgh, United States / **Daniel Rosqvist**, Science Center Manager, Tekniska museet, Stockholm, Sweden

Transitioning tinkering to the
classroom

More and more schools implement and build MakerSpaces. However a 3D-printer and a vinyl cutter do not equal a MakerSpace. This process must consist of both setting up the facility, and creating the mindset needed to use it properly and to its full potential. What does it take to make a MakerSpace succeed in a school environment? How to get the teacher onboard, mentally?

Many teachers are enthusiastic and eager to make use of a MakerSpace, but often they do not really know how. How can we, as experienced tinkerers and makers, help teachers build a bridge between free, creative, open-ended activities and the rigid curriculum?

MAKER SPACE | 17:00 #EcsiteMakers

DROP-IN SESSION
Learning

Drop-in
and make

The Ecsite MakerSpace is a physical location at the conference centre curated by a group of tinkerers and educators from all over the world. In this inspiring environment full of tools, materials and demonstrations, we'll present hands-on workshops and use these experiences to spark reflective discussions about why making and tinkering matter for museums, science centres and other science engagement venues.

Throughout the entire conference, learn about high-tech and low-tech tools/digital fabrication, get to know local artists and makers and test prototypes. Whether you are an experienced maker or a complete newcomer, we invite you to stop by for a workshop or pop in at breaks to engage with projects, meet new collaborators and share ideas. This year we'll be investigating the "creative collisions" of cardboard with science, art and technology by building marble runs, experimenting with computation and constructing unusual mechanisms.

GAME LAB | 17:00 #GameLab

BRAINSTORM
Learning, Science ♥ society

CONVENORS

John Sear, Game Designer, Museum Games, Birmingham, United Kingdom, @MrJohnSear / **Richard Houghton**, Creative Director, HKD Ltd, Margate, United Kingdom

Game Maker Challenge, or Help,
I need a game!

The GameLab brings together people who are working with games and play in science centres and museums. They are experienced at creating games which range from real world escape rooms to virtual reality adventures, community game hacks to commissions. If you have a project, an ignored gallery, a tricky problem - bring your challenge to the GameLab.

We need your brief... The subject: space, nutrition, maths, natural history, ecology, genetics etc. The audience: under 5s, over 50s, schools, girls, people who do not visit museums, etc. Restrictions: pop-up space, in foyer, must travel, no technician, tiny budget etc. This is a drop-in activity - come along and explore how games could change your organisation.

BUSINESS BISTRO

17:00

REVERSE / FOUNDATIONS ●

Strategy & vision, Science ♥ society

CONVENORS

Marjelle van Hoorn, Head of science education & Chair of REV, Universiteitsmuseum, Utrecht, The Netherlands, @sciencemuseums
Jochen Hunger, Scenographer, jh Museum & exhibition design, Erlangen, Germany / **Joanna Kalinowska**, Development Director, Copernicus Science Centre, Warsaw, Poland

Book Bistro

Why books? Books start revolutions, free minds, open doors and sometimes they just contain good recipes. Let's look closer at their value for us and our work. In the most informal setting (Power-Point, keep out!) we imagine you, advocates of books, in lively conversation.

Each participant will present one book that inspired an exhibition, exhibit, workshop or professional decision or that has the potential to do so in the future.

BUSINESS BISTRO

18:00

SOCIAL EVENT

Business Bistro Happy Hour

A networking highlight! Ecsite invites all participants to come together for a drink among exhibitors' booths. Traditionally exhibitors bring specialities from their home countries.

Natural History Museum of Geneva

20:00-00:00

Social event

Nocturne

Get a glimpse of the local and national science engagement scene! The Nocturne will be taking place at the Natural History Museum of Geneva, its famous dioramas and edgy temporary exhibitions - but also in the beautiful Malagnou park, recently converted into a natural laboratory and educational place devoted to promoting local biodiversity and nature in the city.

Science activities will be led by scientists from the Museum, the University of Geneva and CERN. An evening of relaxation and science, rich in Creative Collisions and surprises.

A detailed programme will be available on-site. Dinner will be available at several food points.

Recommended dress code: casual. Bring comfortable shoes.

As for all events, don't forget to have your conference badge with you.

More information on page 148

SAT 9

01 | 9:00 #room01

PANEL

Learning, Strategy & vision

CONVENOR

Kate Kneale, Director, HKD, Margate, United Kingdom, @KnealeK

SPEAKERS

Gioia Mosler, Outreach and Learning Manager, Queen Mary University of London, London, United Kingdom / **Fabrice Jouvenot**, GameLab Director - Senior Experience Designer, CRI - Interdisciplinary Research Centre, Paris, France, @DanteOnyrium / **Daniela De Angeli**, Research Associate, University of Bath, Bath, United Kingdom / **Nicolas Godinot**, Head of content, Fondation Alimentaryum - Food Museum, Vevey, Switzerland

Serious game changer

Can a game make you choose healthier food or make you avoid air pollution? Let's discuss how serious games can be serious game changers and explore how they can change not only what people know, but what they think and how they behave.

Neurological and psychological research shows that games can be utilised to facilitate learning and improve our memory. Further evidence shows that games can change how we think or feel about a topic. Science games are increasingly popular as learning tools. Especially in areas of science with a behavioural message, such as health or the environment, we may also want to influence people's attitudes or even what they do.

After a short introduction to some of the underlying background and psychological theories, we will explore case studies of games that promote healthy food or asthma education. We will talk about the practical challenges of developing a serious science game and how to evaluate their effect.

03 | 9:00 #room03

WORKSHOP / EDGY ▲

Science ♥ society, Strategy & vision

CONVENOR

Antonio Gomes da Costa, Director of Scientific Mediation and Education, universcience, Paris, France

SPEAKERS

Barbara Streicher, Executive Manager, Science Center Netzwerk, Vienna, Austria, @b_streicher / **Richard-Emmanuel Eastes**, Academic Consultant, Traces & SEGALLIS, Sorviller, Switzerland / **Christel Le Delliou**, Cultural Coordinator, Le Vaisseau, Strasbourg, France

Science communication in the post-truth world: a workshop

Denying science and scientific facts and refusing rational and logical thought are becoming common attitudes. Fierce debates regarding issues like vaccination, climate change or GMOs are taking centre stage in the media, at the same time as mystical and absurd fads are quietly spreading through Europe and the world, making the acceptance of magical thought, the mistrust of science, and the abuse of scientific terminology a common practice even among people that claim to be scientifically literate.

This is unquestionably a problem concerning science communication, but what we know at present about the post-truth phenomenon shows we cannot address this issue with our "normal" activities.

This session's objective is to come up with a practical framework for assessing the effectiveness of anti-post-truth activities, and to establish a community of practitioners that will further develop and share it.

04 | 9:00 #room04

PANEL

Equity & Inclusion, Strategy & vision

CONVENOR

Marianne Achiam, Associate professor, Department of Science Education, University of Copenhagen, Copenhagen, Denmark

SPEAKERS

Sheena Laursen, Programme Manager - International Relations and Learning, Experimentarium, Hellerup, Denmark, @SheenaLaursen / **Antonia Caola**, Head of Communication, International Collaborations, Marketing & PR, MUSE - Museo delle Scienze, Trento, Italy / **Penny Fidler**, CEO, The Association for Science and Discovery Centres, Bristol, United Kingdom, @sciencecentres / **David Jones**, Community Liaison Manager, International Centre for Life, Newcastle upon Tyne, United Kingdom / **Ian Brunswick**, Programme Manager, Science Gallery, Trinity College, Dublin, Ireland, @ianbrunswick / **Maarten Okkersen**, Head of Communications, Museon, The Hague, The Netherlands

Inclusion: aligning strategy and practice

Inequity in science will not resolve itself! An obvious place to counteract inequity is the open and inclusive environment of science centres and museums. However, some of these institutions, influenced by norms and traditions in the societies around them, have entrenched science education practices that directly or indirectly hinder inclusion.

We will zoom in on real-life cases of inclusion initiatives at the management or education level that have been helped or hindered by institutional practices and our panelists will share their reflections on how to resolve misalignments between intentions and actions to strategically move towards more inclusive institutions.

05 | 9:00 #room05

PANEL

Science ♥ society

CONVENOR

Uwe Moldrzyk, Head of Exhibitions, Museum für Naturkunde, Berlin, Germany

SPEAKERS

Henrik Sell, Deputy Director, Natural History Museum Aarhus, Aarhus, Denmark / **Dacha Aienza**, Head of Scientific Area, Museu de Ciències Naturals de Barcelona, Barcelona, Spain

When urban nature meets society

Concrete and asphalt everywhere, glass and steel sparkling under the sun: cities, these man-made biotopes, differ deeply from natural habitats. We urbanites consider ourselves as "out of nature". Yet today more than ever, we need to learn how to use nature without destroying it, something that can't happen as long as we keep thinking of nature and culture as opposites - which is not the case.

Would you think that Mexico City – one of the biggest cities in the world – is also one of the world's most biodiverse? That Berlin is home to approximately 30,000 species? How can we use the collision of culture and nature in creative ways to engage the public with science and nature? Who, if not museums and science centres, are experts in engaging audiences with difficult and abstract topics? Where, if not in cities, is the most direct route by which society and nature can be (re)connected?

06 | 9:00 #room06

PANEL
Learning

CONVENOR

Mark Winterbottom, Senior Lecturer in Education, Faculty of Education, Cambridge University, Cambridge, United Kingdom

SPEAKERS

Elizabeth McGregor Jacobides, PhD, Cambridge University, London, United Kingdom, @wonderworldsci / **Deepak Mehta**, Educational Expert, Technopolis, the Flemish Science Centre, Mechelen, Belgium
Alina Natmessnig, Projectmanager, Science Center Netzwerk, Vienna, Austria / **Marjolein van Breemen**, Head of Learning & Research, NEMO Science Museum, Amsterdam, The Netherlands, @M_van_Breemen

21st century skills: what mechanisms foster them?

Good news! 21st century skills are not only about technology and coding. Competences like communication & collaboration, critical thinking, problem-solving and creativity are also increasingly significant.

How can we, informal educational organisations, become recognised by industry and education as important players for fostering this wide skill set? And more importantly: how can these competences and character qualities be recognised by participants themselves? Is it enough to offer "creative" activities such as Tinkering, or do we need to combine them with mechanisms which make these 21st century skills explicit and thus able to be recognised?

13 | 9:00 #room13

WORKSHOP

Exhibit development, Strategy & vision

CONVENORS

Raphael Chanay, Exhibitions and Interpretation Manager, The Natural History Museum London, London, United Kingdom, @rafchanay (also speaker) / **Julie Becker**, Communications and Events Manager, Ecsite, Brussels, Belgium, @museoju (also speaker)

SPEAKERS

Alexia Jacques Casanova, Community engagement facilitator, Artizest, Nantes, France / **Leonel Alegre**, Experience and Content Manager, Toyno - space experience design studio, Lisbon, Portugal
Dorothee Vatinel, Curator, universcience, Paris France / **Peter Trevitt**, Owner, Peter Trevitt Consulting, Cardiff, United Kingdom, @PeterTrevitt
Samuel Lagier, Founder, SamSpeaksScience, Lausanne, Switzerland
Ines Montalvao, Exhibition Developer / Content Designer, Heureka - The Finnish Science Centre, Vantaa, Finland / **Michael Feser**, Partner, Archimedes Exhibitions, Berlin, Germany / **Adria LeBoeuf**, Founding Director, The Catalyst, Geneva, Switzerland & Rehovot, Israel

Team creativity and facilitation techniques: expand your toolbox

Are you facilitating creative team processes? Tired of always using the same old tricks? Interested in the wider potential of creative techniques? This session is for you.

For this workshop 10 facilitators have gathered and selected a wide palette of design thinking methods and have demonstrated their tools to each other. They will be sharing them with you in four fast-paced rounds: ice breaker tools, team synergy & analysis tools, generating and synthesising ideas tools and re-energising tools.

Working in a small group led by our facilitators, you'll get to experience an array of techniques and will of course be able to share your own favourites. We'll be putting together a repository of tools you'll be able to explore and use after the session.

15 | 9:00 #room15

PANEL / FOUNDATIONS ●
Science ♥ society, Learning

CONVENOR

Nader Wahbeh, Science Studio Director, A. M. Qattan Foundation, Ramallah, Palestine

SPEAKERS

Shireen Sabanegh, Deputy Director, The Children's Museum Jordan, Amman, Jordan, @ssabanegh / **Asma' Al Mozayen**, Assistant Researcher, A. M. Qattan Foundation, Ramallah, Palestine
Massa Mufti-Hamwi, Education Management Consultant, Massar Discovery Centres in Syria, Damascus, Syria

Outreach in the MENA region: challenges and opportunities

Political turbulences are currently affecting the education sector in the Middle East and North Africa (MENA) region. While the formal education system remains the main source of intellectual prosperity and development, more and more children are facing challenges in attaining their rightful education. In this context, science centres and museums are required more than ever to step out of their buildings and deliver educational messages to a diverse audience of learners.

Speakers will share their experience in engaging communities around Palestine, Jordan, Lebanon and Syria, reaching out to children and families in refugee camps and hospitals. They will also share lessons learnt from such unique interfaces between science and society, art and science; while at the same time reflecting on the contextual socio-political challenges under which each country is living, and how potential collaborative work between educational institutions may overcome such challenges.

18 | 9:00 #room18

REVERSE

Learning, Science ♥ society

CONVENOR

Annette Klinkert, CEO, city2science - Science Communication and Strategy Consulting, Herford, Germany, @city2science

SPEAKERS

Miha Kos, Director, Ustanova Hiša eksperimentov, Ljubljana, Slovenia
Leonardo Alfonsi, Director at Psiquadro, Psiquadro scarl, Perugia, Italy, @LeoAlfonsi / **Marco Miranda**, Interactive Exhibit Developer - Science Show Performer, Swiss Science Center Technorama, Winterthur, Switzerland / **Irena Cieślńska**, Chief of Unicorn Division, Copernicus Science Centre, Warsaw, Poland

The city: an arena for new forms of science communication

From science museums and centres to research institutions and citizens' associations, an increasing set of actors are transforming the city into an arena for new forms of science communication and engagement.

This session will focus on the challenges and opportunities generated by this process and critically present examples and experiences that range from temporary Science Shops to Researchers' Night, from science picnics to touring activities. What (new) forms can engagement take, framed in the context of cities? How is it possible to turn all these actions into a coherent cultural system that makes cities evolve? What kind of relationships develop among the different actors involved?

MAKER SPACE

9:00 #EcsiteMakers

WORKSHOP

Learning, Science ♥ society

CONVENOR

Rannei Solbak Simonsen, Educator, Tekniska museet, Oslo, Norway

SPEAKER

Juanita Schl pfer-Miller, Science Communication Specialist, ETH Z rich, Plant Science Center, Zurich, Switzerland

Designing tinkering activities

This session offers three hands-on workshops differing in theme, technology and complexity: use a mix of high-tech and low-tech tools to design your own lamps; build your own sensory devices to detect the sound wavelengths generated by plants or caterpillars; and prototype historical designs.

We'll use these activities to reflect on the design process and how it relates to learning, making and tinkering. The creator of each workshop will share how they created it and we'll explore the activity design process together, from the first vague idea to the complete workshop.

GAME LAB

17:00 #GameLab

DROP-IN SESSION

Learning, Science ♥ society

CONVENORS

Daniela De Angeli, Research Associate, University of Bath, Bath, United Kingdom / **Ran Peleg**, Curriculum Developer and Project Manager, Weizmann Institute of Science, Rehovot, Israel

Drop-in and play

The GameLab is an informal space run by an international team of game developers. With experience of many forms of game making from real world live action to virtual reality they invite you to drop in and explore how games and play can be used in museums and science centres.

The Ecsite GameLab is open all day, every day. It is a drop-in space, alternating informal play times and more specific sessions and workshops. There will be games to play and game makers to meet. Do you need to play-test your idea for a game? Bring it along and get feedback. Need help commissioning a game? Come and get some advice. Got a tricky challenge for the game makers? Bring it along. Share your games, make new games. Drop in and play.

01

10:30 #room01

KEYNOTE ■ / EDGY ▲

Science ♥ society, Research, theory & evaluation



Giulia & Jill Enders

Keynote

Giulia Enders is the author and Jill Enders the illustrator of the internationally acclaimed book Gut: The Inside Story of Our Body's Most Underrated Organ. Giulia is enrolled in a PhD programme in gastroenterology at Goethe University in Frankfurt, Germany. She won a Science Slam competition with her talk on the gut, which then led to the book, illustrated by her sister.

In line with this year's "Creative Collisions" theme, the two sisters will be sharing the stage and their talk will include a reflection on their own interdisciplinary collaboration.

SPEAKERS

Giulia Enders, Writer and Scientist, Goethe University in Frankfurt, Frankfurt, Germany,

Jill Enders, Illustrator, Book: "Gut: The Inside Story of Our Body's Most Underrated Organ", Germany,

01 | 12:00 #room01

FORMAT INSPIRED BY A RELIGIOUS SERVICE

EDGY ▲

Science ♥ society, Equity & Inclusion

CONVENOR

Sharon Ament, Director, Museum of London, London, United Kingdom

SPEAKERS

Bronwyn Bevan, Senior Research Scientist, University of Washington, Seattle, United States / **Marjolein van Breemen**, Head of Learning & Research, NEMO Science Museum, Amsterdam, The Netherlands, @M_van_Breemen / **Michael Bradke**, Director and Driver, Mobiles Musik Museum, Duesseldorf, Germany / **Vesselina Dimitrova**, Chief expert, Burgas Municipality, Burgas, Bulgaria / **Michèle Antoine**, Director of Exhibitions, universcience, Paris, France

Can you feel it? A science revival meeting

"Go forth and collide, multiply and create" is the motto of our Science Assembly. Inspired by religious revival meetings, we will offer you songs, laughter, inspiration, and meaning. As a theme we will focus on the history, importance and meaning of science centres in society and your own individual role in this field. Standard elements of any holy assembly such as singing, reading, teaching and thinking in silence, will be interleaved with a motivational workshop.

Our convenor will take on a pastor-like role, starting the session with an opening statement, and introducing the speakers as well as the songs the musician, chanters and congregation will sing.

03 | 12:00 #room03

WORKSHOP / EDGY ▲

Learning, Research, theory & evaluation

CONVENOR

Yuri Matteman, Head of Education, Naturalis Biodiversity Center, Leiden, The Netherlands,

SPEAKERS

Juliette Walma van der Molen, Professor and Director of Research Center on Science Education and Talent Development, University of Twente, Enschede, The Netherlands, / **Nellie Konijnendijk**, Education & Edutainment manager, Technopolis, the Flemish Science Centre, Mechelen, Belgium, / **Pernille Hjort**, Head of education and public engagement, Natural History Museum of Denmark, Copenhagen, Denmark / **Anna Starkey**, Chief Creative Officer, We The Curious, Bristol, United Kingdom

Curiosity! Buzzword or holy grail?

Every science engagement initiative seems to aim to spark curiosity and inquisitive thinking in audiences. Curiosity is considered a key driver for science and inquiry, but what do we actually mean by 'curiosity'? Scientific literature outlines a multitude of theories about the nature, determinants, and behavioural characteristics of curiosity. Although this work clearly sheds light on its multifaceted nature, it may also have steered us away from finding common ground and language. Therefore this interactive workshop invites attendees to explore their own conceptions of curiosity.

Based on new research from the University of Twente, we will also discuss whether shifting to the enhancement of positive attitudes towards curiosity, rather than focussing on visitors' demonstrations of curiosity, could be a solution.

04 | 12:00 #room04

WORKSHOP

Equity & Inclusion, Strategy & vision

CONVENOR

Audrey Chang, Chief of Business Planning and Partnerships, National Museum of Natural History, Washington DC, United States

SPEAKERS

Brad MacDonald, Adjunct Professor, Parsons School of Design, New York, United States, @bmack / **Sarah Lombard**, Senior Digital Curator, United States Holocaust Memorial Museum, Washington DC, United States / **Vivian Xu**, Co-Founder, Dogma Lab, Shanghai, China / **Benjamin Bacon**, Co-Founder, Dogma Lab, Shanghai, China

The value of rapid prototyping

Almost every day, we read about a new platform for gaming, alternate realities or immersive experiences. In this ever-shifting technology landscape, how do informal learning organisations keep up? Frequently without the in-house financial and development resources of for-profit corporations, they find themselves behind the technology curve, questioning points-of-entry, sustainability and returns on investment. Key decision areas often focus on selecting the "best" platform for any narrative, building scalable projects, and applying frameworks for project development. Often forgotten but critical to the process is the selection of measures for success.

In this workshop, speakers offer mini-sessions to explore the value of design thinking and prototyping, inviting participants to critique presented prototypes and develop prototypes on their own on STEM and social/societal themes.

05 | 12:00 #room05

PANEL

Equity & Inclusion

CONVENOR

Luisa Massarani, Researcher and science communicator, National Institute of Public Communication of Science and Technology, Rio de Janeiro, Brazil

SPEAKERS

Jessica Norberto Rocha, Science communicator, Fundação CECIERJ, Rio de Janeiro, Brazil / **Christelle Guiraud**, Exhibit developer, universcience, Paris, France / **Andres Roldan**, Executive Director, Parque Explora, Medellín, Colombia / **Anna Riehus**, Scientific assistant, Stiftung Neanderthal Museum, Mettmann, Germany

Strategies to engage people with disabilities

In 2017 RedPOP, Ecsite's sister organisation in Latin America, undertook a survey among the region's science centres to understand how they tackle accessibility with respect to different kinds of disabilities. Studied factors spanned communicative and cognitive access, architecture and exhibit/exhibition design, team attitude, educational projects and financial resources. The results show an increasing concern among science centres to engage people with disabilities.

However, they also reveal a significant gap between good intentions and existing policies on the one hand and the scarcity of effective and systematic practices for promoting full and equal enjoyment of science centre activities on the other hand. Taking the challenges raised by the Latin American survey as a starting point, this session will allow strategies to be discussed and lessons to be learnt in science centres located both in Latin America and Europe.

06 | 12:00 #room06

HOUSE OF COMMONS DEBATE / EDGY ▲

Strategy & vision, Exhibit development

CONVENORS

Patricia Verheyden, Consultant, Patricia Verheyden Consulting, Vilvoorde, Belgium / **Mikko Myllykoski**, Experience Director, Heureka - The Finnish Science Centre, Vantaa, Finland, @MikkoMyl

SPEAKERS

Antonio Gomes da Costa, Director of Scientific Mediation and Education, universcience, Paris, France / **Andy Lloyd**, Head of Special Projects, International Centre for Life, Newcastle upon Tyne, United Kingdom, @arilloyd / **Marie-Christine Van der Sman**, Director, Museon, The Hague, The Netherlands / **Christopher Garthe**, Head of concept - Creative Director for exhibition development, studio klv, Freiburg, Germany / **Stephane Berghmans**, CEO, Technopolis, the Flemish Science Centre, Mechelen, Belgium

The future of science centre exhibitions

What is the future of science centre exhibitions? Do we need to stick to scientific phenomena, or focus on high-tech and contemporary science? Do we concentrate on objects or interaction? Or are physical exhibitions becoming obsolete in the digital era?

Join a debate in the House of Commons style: each presenter defends a short statement on their vision for the future of science centre exhibitions. Then you, the audience, choose a side: do you agree or disagree with this statement? Why?

13 | 12:00 #room13

WORKSHOP

Science ♥ society

CONVENORS

Emma Sanders, Head of CERN's Microcosm exhibition, CERN, the European Laboratory for Particle Physics, Geneva, Switzerland
Tuuli Utriainen, Fellow, Cosmic collaboration enabler, CERN, the European Laboratory for Particle Physics, Geneva, Switzerland

SPEAKERS

Mateusz Pawelczuk, Events Director, Copernicus Science Centre, Warsaw, Poland / **Luca Simeone**, project manager, Fondazione IDIS - Città della Scienza, Naples, Italy / **Leenu Juurola**, Project Manager, Heureka - The Finnish Science Centre, Vantaa, Finland
Harri Toivonen, Cooperation Associate, CERN Ideasquare, CERN, the European Laboratory for Particle Physics, Geneva, Switzerland

Hacking the hackathon

Discover what can be achieved from a collision of innovative minds with a mix of science, technology and creative fantasy. The participatory design approach can be used to achieve extraordinary results – addressing environmental concerns, innovating for medicine and providing new tools to help with humanitarian crises. This is where science and technology meet societal, human-driven needs. But how to integrate this hackathon approach into science engagement?

Explore the possibilities at this workshop and join us to inspire future change-makers by offering your visitors a unique, real-life experience in prototyping. After lightning talks introducing case studies and methodology, divide into teams to work on specific design thinking tasks. Spaces are limited, so come early!

15 | 12:00 #room15

REVERSE / FOUNDATIONS ●

Marketing & communication

CONVENOR

Roy Schedler, Head Marketing and Partnerships, Swiss Science Center Technorama, Winterthur, Switzerland (also speaker)

SPEAKERS

Joanna Kalinowska, Development Director, Copernicus Science Centre, Warsaw, Poland / **Maarten Okkersen**, Head of Communications, Museon, The Hague, The Netherlands / **Heli Ainoa**, Director of Communications and Services, Heureka - The Finnish Science Centre, Vantaa, Finland / **Elin Ravndal Bell**, Marketing Manager, Jaermuseet, Nærbo, Norway

Know and understand your customer. And deliver?

In this session, professionals from different science centres and museums will share how they use empirical customer insights in their marketing communication. They will explain how they learn about their visitors' needs, expectations and wishes and how they transform this knowledge into catchy promotional campaigns.

Marketers believe that the tastier the worm, the more fish you catch. We do know a lot about the offer side (the worm) – the contents of our public offer. On the other hand, by conducting surveys and evaluations, we have gained insights on the demand side, too – the motives of our visitors (or fish). In marketing communication, we focus and build on these motives: making the worm tasty for the fish, rather than pleasing the fisherman.

In this session we focus on the qualities of the worm, based on empirical data about the fish.

18 | 12:00 #room18

WORKSHOP

Learning, Equity & Inclusion

CONVENOR

Daniel Rosqvist, Science Center Manager, Tekniska museet, Stockholm, Sweden

SPEAKERS

Alfred Grimlund, Educator, Tekniska museet, Stockholm, Sweden
Magne Hognestad, Manager Science Circus/Head of outreach, Jaermuseet, Nærbo, Norway / **Sara Bagge**, Developer and teacher, NAVET, Borås, Sweden / **Tor-Inge Rasmussen**, Head Teacher technology, scienceshow and astronomy, Sciencecenter South Norway, Arendal, Norway. / **Sander Kask**, external funding assistant, AHHA Science Centre Foundation, Tartu, Estonia / **Martin Swift**, Project Manager, UniSci / Visindasmidjan, Reykjavik, Iceland

Outreach Maker activities for rural and urban use

Outreach is an especially vital aspect of science communication in Northern Europe as its low population density means there are many who live in remote areas. This has also come to be true for socio-economically segregated areas, especially in the city suburbs. Key to outreach in this type of environment are mobile groups that are able to travel (sometimes large distances) to those who otherwise may not be able to access services and activities traditionally provided by science centres.

This is the session to come to if your science centre is interested in starting an outreach programme or doing mobile maker and tinker activities. We will also share our experience of working with socio-economically segregated audiences.

MAKER SPACE

12:00 #EcsiteMakers

DROP-IN SESSION

Learning

Drop-in
and make

The Ecsite MakerSpace is a physical location at the conference centre curated by a group of tinkerers and educators from all over the world. In this inspiring environment full of tools, materials and demonstrations, we'll present hands-on workshops and use these experiences to spark reflective discussions about why making and tinkering matter for museums, science centres and other science engagement venues.

Throughout the entire conference, learn about high-tech and low-tech tools/digital fabrication, get to know local artists and makers and test prototypes. Whether you are an experienced maker or a complete newcomer, we invite you to stop by for a workshop or pop in at breaks to engage with projects, meet new collaborators and share ideas.

This year we'll be investigating the "creative collisions" of cardboard with science, art and technology by building marble runs, experimenting with computation and constructing unusual mechanisms.

GAME LAB

12:00 #GameLab

WORKSHOP

Learning, Science ♥ society

CONVENOR
Thierry Brassac, Head of Science/Culture Dpt, Montpellier University / Service Culture Scientifique, Montpellier, France, @ThierryBrassac

SPEAKERS
Jacinta Moons, Programmanager Science, Museon, The Hague, The Netherlands / **Åsa Husberg**, Museum Educator, Nobelmuseet, Stockholm, Sweden / **Didier Perret**, Executive director, Chimiscope, Université de Genève, Geneva, Switzerland / **Jonathan Toubeau**, Science popularizer, Montpellier University / Service Culture Scientifique, Montpellier, France

Having fun with molecules,
atoms and particles

Let's look at matter with either particle physics, biology or chemistry glasses on. Discover four games or interactives that succeed in explaining the invisible.

MOTTA SPACE

12:00 #motta

WORKSHOP

Learning, Explainers & visitor services

CONVENOR
Martin Kulhawczuk, Head of Exhibition, Vitensenteret i Trondheim, Trondheim, Norway

SPEAKERS
Noel Jackson, Head of Education, International Centre for Life, Newcastle upon Tyne, United Kingdom
Ian Russell, Director, Ian Russell Interactives, High Peak, Derbyshire, United Kingdom
Marco Miranda, Interactive Exhibit Developer - Science Show Performer, Swiss Science Center Technorama, Winterthur, Switzerland
Ibrahim Kunduz, Coordinator, Eskisehir Science & Experiment Center of Metropolitan Municipality and Sabanci Planetarium, Eskisehir, Turkey
John Downey, Senior Educator / External Events Coordinator, Balthazar Science Center, Skövde, Sweden
Pedro Pombo, Director, Fábrica Science Centre, Aveiro, Portugal
Samar D. Kirresh, Senior Researcher- Science Studio, A. M. Qattan Foundation, Ramallah, Palestine
Elin Roberts, Head of Public Engagement, International Centre for Life, Newcastle upon Tyne, United Kingdom, @elinoroberts
Kai Håkon Sunde, Science coach, VilVite, Bergen Vitensenter AS, Bergen, Norway
Alessio Scabaro, Scientific Director, Gruppo PLEIADI, Padua, Italy
Eva Hofstad Hagen, Head of education, Vitensenteret i Trondheim, Trondheim, Norway
Astrid Wara, educator, Nordnorsk vitensenter, Tromsø, Norway
Peeranut Kanhadilok, Head of Exhibition Section of the Science Museum, Thailand, National Science Museum, Khlong Luang, Thailand

The Grand
Bazaar

Welcome to the Grand Bazaar. Here dozens of creative and hands-on table-top activities await science explainers and other science enthusiasts, whether new to the profession or seasoned. At each station, make things, build things or play with things in experiments presented by science centre and museum experts from nine countries. Meet colleagues, get inspired and draw new ideas for hands-on activities from these encounters.

01 | 14:30 #room01

REVERSE / EDGY ▲

Strategy & vision, Science ♥ society

CONVENORS

Erik Jacquemyn, Science centre expert, Jacquemyn & Associates, Linden, Belgium / **Hans Gubbels**, Director, Museumplein Limburg, Kerkrade, The Netherlands

SPEAKERS

Barry Van Deman, President & CEO, Museum of Life and Science, Durham, United States / **Maurice Bitran**, CEO, Ontario Science Centre, Toronto, Canada / **Gerfried Stocker**, Director, Ars Electronica Linz GmbH, Linz, Austria / **Luigi Amodio**, Director of the Science Centre, Fondazione IDIS - Città della Scienza, Naples, Italy / **Maria Isabel Garcia**, Curator, The Mind Museum (Bonifacio Art Foundation Inc.), Taguig, Philippines / **Ulrike Kastrup**, Museum director, focusTerra, ETH Zürich, Zurich, Switzerland / **Silvia Singer**, CEO and General Director, MIDE Museo Interactivo de Economía, Mexico City, Mexico

Science centres:
the next 50 years?

50 years ago the first science centres as we know them today opened: the Exploratorium in San Francisco and the Ontario Science Centre in Toronto. It was the start of a big science centre movement which led to the development of almost 3,000 science centres worldwide, all using the same concept of interactive learning. What will happen in the next 50 years? What will science centres look like in post-truth eras, and in subsequent eras? Will they integrate into society or will they simply disappear? How can science centres not only react to current issues but reinvent themselves for the future? How can science centres move from being followers to shaping the future?

Experts and science centre leaders will give a brief insight into the young history of our field and share their views on the future of science centres in fast-paced pitches, followed by a debate between panelists.

03 | 14:30 #room03

REVERSE / EDGY ▲

Research, theory & evaluation, Equity & Inclusion

CONVENOR

Jennifer DeWitt, Researcher, UCL Institute of Education, London, United Kingdom

SPEAKERS

Uwe Moldrzyk, Head of Exhibitions, Museum für Naturkunde, Berlin, Germany / **Maria Xanthoudaki**, Director of Education and of the Centre of Research in Informal Learning, Museo Nazionale della Scienza e della Tecnologia 'Leonardo da Vinci', Milan, Italy / **Ian Brunswick**, Programme Manager, Science Gallery, Trinity College, Dublin, Ireland, @ianbrunswick / **Barbara Streicher**, Executive Manager, Science Center Netzwerk, Vienna, Austria, @b_streicher / **Dean Veall**, Learning and Access Officer, Grant Museum of Zoology, UCL Culture, London, United Kingdom, @deanveall

For adults only:
adult science capital

The concept of science capital has gained increasing attention in both formal and informal science institutions in recent years, as a potentially useful way of thinking about our audiences. To date, most of this work has focused on school pupils. But what about grown-ups?

In this session, we introduce and explore the potential of adult science capital, drawing on the development of an index of science capital in the United Kingdom, before exploring its potential for all science engagement organisations and practices. Could it give new insights into audiences (or non-visitors), particularly those that are diverse?

04 | 14:30 #room04

WORKSHOP / EDGY ▲

Strategy & vision, Marketing & communication

CONVENOR

Maarten Okkersen, Head of Communications, Museum, The Hague, The Netherlands

SPEAKERS

Steven Schaecken, Director, NorthernLight Design, Amsterdam, The Netherlands, @northernlightnl / **Astrid Sonneveld-Dings**, Finance & Supply Chain expert, Independent Consultant Sustainability, Geneva, Switzerland / **Sophie Wisbrun-Overakker**, Sustainable Business Catalyst, Doing Business Doing Good, Geneva, Switzerland

Purposeful brands and science
engagement: common ground
for social impact?

Recent theories suggest that the only brands to survive are those with a purpose, that create a positive impact for planet and people. They therefore need new ways of connecting to consumers. Purposeful brands could form creative collisions with science centres and museums, providing meaningful experiences for consumers/visitors. Brands could benefit from the science museum or centre as an institution, providing credibility and a physical space to interact in a different environment. Museums or science centres could benefit from the continuous innovation cycles of brands, increasing the attractiveness of repeat visits.

In this workshop, speakers from the brands and design industry illustrate what these creative collisions could look like, before participants work in small teams, creating a "creative collision" combining a big social issue with a brand and a science museum or centre.

05 | 14:30 #room05

WORKSHOP

Science ♥ society

CONVENOR

Tapio Koivu, CEO, Heureka - The Finnish Science Centre, Vantaa, Finland

SPEAKERS

Tuomas Oikku, Head of Sales and Marketing, Heureka - The Finnish Science Centre, Vantaa, Finland / **Joona Kurikka**, Researcher, CERN, the European Laboratory for Particle Physics, Geneva, Switzerland / **Leenu Juurola**, Project Manager, Heureka - The Finnish Science Centre, Vantaa, Finland

Science centres as
innovation platforms

Co-creation, accelerating innovation and rapid prototyping are today's buzzwords. As science centres, we have certain natural advantages in positioning ourselves as innovation platforms, facilitating unexpected interactions.

This session aims to present and further develop ways in which science centres can act as mediators for idea generation. After a quick presentation of two real life examples (DIT-Heureka and CERN's IdeaSquare), participants will consider questions such as: should science centres be in this game? What are the benefits for our institutions? Which audiences to co-operate with? What kind of tools can extend our networks to allow wider collaboration?

06 | 14:30 / #room06

REVERSE

Exhibit development, Equity & Inclusion

CONVENOR**Lizzy Moriarty**, Audience Engagement Advisor, Lizzy Moriarty, London, United Kingdom**SPEAKERS****Hanouf Al-Alawi**, Science Educator, Natural History Museum London, London, United Kingdom / **Ana Crespo-Blanc**, Research Department leadership (Parque de las Ciencias), Parque de las Ciencias, Granada, Spain / **Shireen Sabanegh**, Deputy Director, The Children's Museum Jordan, Amman, Jordan, @ssabanegh / **Martyn Best**, CEO, Cultural Innovations Ltd, London, United Kingdom**Multicultural science: engaging diverse audiences around the world**

Do European science exhibitions reflect the rich diversity of the cultures that have contributed to science? How is science communicated in other cultures?

Professionals from Europe and the Middle East will discuss how to make science relevant to multicultural audiences and present science through a multicultural lens, in Jordan, Kuwait, Spain and the United Kingdom.

This is a reverse session so come along with your projects and contribute so that we can all learn from our collective experience!

13 | 14:30 #room13

SCIENCE ESPRESSO / EDGY ▲

Science ♥ society, Strategy & vision

CONVENOR**Vesna Pajić**, Project Manager, Ustanova Hiša eksperimentov, Ljubljana, Slovenia,**Political compromises: the right balance**

Dealing with several entities, tiptoeing around politicians and taking into account sponsors' ideas while staying true to your science communication calling can be a challenge. Sometimes we have to adapt to sponsors' and governments' ideas about the way we should handle specific aspects of science. Politicisation seems inevitable when governments provide funding for science. Advertising is unavoidable when you rely on a sponsor to finance a new exhibition or event. Moderate politicisation does no harm and may even be good for the interface between science and society.

But is there a risk of over-politicisation or over-compromising in science and science communication in the current context? How can we react if a stakeholder attempts to influence the way research is done or how it is to be interpreted by/taught to the public in order to advance its own interests?

15 | 14:30 #room15

REVERSE / EDGY ▲

Strategy & vision, Science ♥ society

CONVENOR**Ricardo Mutuberria**, Consultant, Curator & Project Manager, ricardomutuberria.com, Barcelona, Spain**SPEAKERS****Christine Marizzi**, Manager, Urban Barcode Project, Cold Spring Harbor Laboratory, New York, United States, @CMarizzi / **Jacinta Moons**, Programme Manager Science, Museon, The Hague, The Netherlands / **Quitterie Largeveau**, Science Communicator, universcience, Paris, France, @Quitteriel / **Bo Burgmans**, Managing Director, Bruns B.V., Bergeijk, The Netherlands**DIYBio at museums and science centres**

Do It Yourself Biology (DIYbio) is redefining education, research, community engagement and scientific, cultural and artistic production. A growing number of amateur scientists and community labs are making a contribution to scientific culture and changing the way science is approached, applied, perceived and disseminated. Are science centres willing to facilitate citizen-driven scientific and cultural production? Will DIYbio become a transformational force for science centres?

18 | 14:30 #room18

PANEL

Learning, Science ♥ society

CONVENOR**Christina Rühlmann**, Head of Communications, Archimedes Exhibitions, Berlin, Germany**SPEAKERS****Irena Cieślínska**, Chief of Unicorn Division, Copernicus Science Centre, Warsaw, Poland / **Ronan German**, R&D Project Manager, Mazedia, Nantes, France / **Heidrun Schulze**, Project Manager, Science Center Netzwerk, Vienna, Austria / **Gunnar Behrens**, Managing Director, Archimedes Exhibitions, Berlin, Germany**Offering alternative creative learning spaces**

Through the digital revolution, our learning and working conditions have changed fundamentally. Knowledge workers today have to be able to use complex systems and to differentiate themselves from robots at the same time, relying on genuine human skills like creativity, problem-solving or communication. With their classical learning concepts, school and other educational institutions might suppress our innate impulse of curiosity and the joy of discovery. New methods must be offered to establish a new learning culture.

Can science engagement provide the space for such experimental learning concepts? What alternative learning places can promote new learning formats and contexts? How can teachers and training institutions get on board? Can science centres expand boundaries and provide more openness, so that self-determined and responsible learning become part of the curricula or agenda of schools, universities and companies? What role do integrated digital learning contexts play in this kind of knowledge transfer?

MAKER SPACE

14:30 #EcsiteMakers

WORKSHOP

Learning, Science ♥ society

CONVENOR

Samar D. Kirresh, Senior Researcher- Science Studio, A. M. Qattan Foundation, Ramallah, Palestine

SPEAKERS

Yihuan Lin, Exhibit-interdisciplinary & curate/Director, National Taiwan Science Education Center, Taipei, Taiwan / **May Sabbah**, Educator, Science Centre Immaginario Scientifico, Trieste, Italy

Cardboard and marble madness

Tear apart some old boxes and bring your ideas to life. In this session, we will be experimenting with the amazing material cardboard and creating pathways for marbles to travel down. We will reflect on the value of building marble runs and think about our roles as educators to support the learning outcomes of this engaging activity.

Cardboard is an everyday material that supports tinkering workshops by helping learners embrace mistakes as they use it to design, redesign and test. We will bend it, stack it, shape it and carve it out into our marble runs. We might even add a buzz here or a light bulb there along the way. As we investigate the wild world of paths, we'll ask: Where will the ball run? How long can we keep it running? How can we control that rolling? Can it run upwards?

GAME LAB

14:30 #GameLab

SHOWCASE

Science ♥ society, Strategy & vision

CONVENOR

Kate Kneale, Director, HKD, Margate, United Kingdom, @KnealeK

SPEAKER

Julie Becker, Communications and Events Manager, Ecsite, Brussels, Belgium, @museoju

Help us test PlayDecide

PlayDecide is a discussion game widely used by the science engagement community to facilitate dialogue about controversial issues. Freely available to all, the game has shown its power over the years as users worldwide have created, translated, shared and downloaded card sets on issues ranging from stem cell research to migration.

Help us test PlayDecide's rejuvenated online platform - new functionalities include a live game master tool.

01

16:30 #room01

PECHAKUCHA

Science ♥ society, Strategy & vision

CONVENORS

Julie Becker, Communications and Events Manager, Ecsite, Brussels, Belgium, @museoju / **Raphael Chanay**, Exhibitions and Interpretation Manager, The Natural History Museum, London, London, United Kingdom, @rafchanay

SPEAKERS

Christelle Guiraud, Exhibit developer, universcience, Paris, France
Melanie Wunsch, Exhibition Manager, Stiftung Neanderthal Museum, Mettmann, Germany / **Cybèle Robichaud**, Director, Programming, Montréal Science Centre, Montréal, Canada / **Claire Pillsbury**, Program Director, Osher Fellowships, Exploratorium, San Francisco, United States
Yasushi Ikebe, Principle Investigator of Science Communication, National Museum of Emerging Science and Innovation (Miraikan), Tokyo, Japan

Resilience: from adversity to new strengths

We are used to facing some difficulties on a daily basis: broken exhibits, unhappy visitors, confused rush before the opening of a project... but what happens when we face something bigger? Current events teach us that crises and even disasters occur frequently even when we can't predict them or plan how to react.

In this session, each speaker will be delivering a short PechaKucha presentation about an external dramatic situation that affected his or her organisation. How did it overcome this event and rebound from adversity? And who knows? This cathartic exercise might reveal that our organisations have become stronger and more resourceful. Just as individuals can learn to develop personal traits of resilience, so too can organisations develop a culture of resilience.

03

16:30 / #room03

QUIZ

Learning

CONVENORS

Mikko Myllykoski, Experience Director, Heureka - The Finnish Science Centre, Vantaa, Finland, @MikkoMyl / **Antonia Caola**, Head of Communication, International Collaborations, Marketing & PR, MUSE - Museo delle Scienze, Trento, Italy / **Ian Brunswick**, Programme Manager, Science Gallery, Trinity College, Dublin, Ireland, @ianbrunswick

The quintessential pub quiz

Sum up the conference by joining this fact-fuelled event testing your recall of the conference's highlights – and learn about the highlights you missed. The questions will touch on keynotes, parallel sessions, Business Bistro and social events. What messages will be worth taking home from Geneva?

Besides your knowledge, your creativity will be challenged, too, by surprising tasks. You will participate in teams of 6–8 people, formed spontaneously on the spot. The winning team will be... challenged by a unique award

04 | 16:30 #room04

PANEL

Exhibit development, Science ♥ society

CONVENOR

Guillaume Trap, Scientific Director, Luxembourg Science Center, Differdange, Luxembourg

SPEAKERS

Ioannis Miaoulis, President and Director, Museum of Science, Boston, United States / **Andres Juur**, Director, AHHA Science Centre Foundation, Tartu, Estonia / **Nicolas Godinot**, Head of Content, Fondation Alimentarium - Food Museum, Vevey, Switzerland
Nadia Battello, Science mediator, Luxembourg Science Center, Differdange, Luxembourg

Delicious science

Mix a litre of physics and a cup of chemistry, add a handful of biology and a pinch of mathematics, stir and serve! We cook and eat on a daily basis without questioning the underlying science too much. Yet, could there be any tastier way to experiment, discover, question and learn?

The aim of this session is to share experiences and ideas revolving around 'kitchen science' -related activities within science centres and museums. What are the concepts? What to consider? Which topics to address? How do visitors react? What tips for newcomers wanting to establish cooking-related activities? Finally, experts will share their favourite scientific culinary secret... tasting included.

05 | 16:30 #room05

REVERSE

Strategy & vision

CONVENOR

Gène Bertrand, Head of Programmes and Cooperation, Museumplein Limburg, Kerkrade, The Netherlands

SPEAKERS

Sybill Ebers, Director/CEO, Westfälisches Pferd Museum Münster, Münster, Germany / **Dick de Jong**, Manager Presentation & Collection, NEMO Science Museum, Amsterdam, The Netherlands
Anna Schaefer, Curator of Education, Stiftung Preußischer Kulturbesitz, Berlin, Germany, @aks1501 / **Patricia Verheyden**, Consultant, Patricia Verheyden Consulting, Vilvoorde, Belgium
Baerbel Auffermann, Deputy Director, Stiftung Neanderthal Museum, Mettmann, Germany / **Gertie Cuijpers**, Presentation and education, Universiteitsmuseum, Utrecht, The Netherlands

Balancing construction works and visitor satisfaction

Usually permanent exhibitions have a very long lifetime. But eventually, every museum or science centre has to face the challenge of renewing them. Old presentation techniques, outdated contents, old-fashioned architecture or damage to your building: there are many reasons for a renewal. While under construction, do you strive for business as usual or do you need a temporary shutdown?

Depending on size, money and concept, venues might have to close for an extended period of time or could gradually implement a partial renovation, remaining open to the public. How to find a balance between construction work and visitor satisfaction? Several museums present their experiences, outlining the advantages and disadvantages of different strategies and pointing out solutions, for big and small venues.

06 | 16:30 #room06

PANEL / FOUNDATIONS ●

Science ♥ society, Exhibit development

CONVENOR

Mónica Bello, Head of Arts, CERN, the European Laboratory for Particle Physics, Geneva, Switzerland

SPEAKERS

Michael Doser, Senior Research Physicist, CERN, the European Laboratory for Particle Physics, Geneva, Switzerland / **Honor Harger**, Executive Director, ArtScience Museum at Marina Bay Sands, Singapore, Singapore / **Agnes Meyer-Brandis**, Artist, FFUR / Institute for Art and Subjective Science, Berlin, Germany / **Nicola Triscott**, Artistic Director, Arts Catalyst, London, United Kingdom

Novel scenarios for art and science encounters

In recent years, various scientific labs and research institutions have nurtured novel models of dialogue and cooperation between scientists and artists. Likewise, museums and cultural centres have been increasingly incorporating art and science explorations into their programmes. Today it is obvious that scientific engagement with cultural practices acts as a fundamental drive to enrich and diversify novel scenarios for knowledge exchange in contemporary culture.

In this session participants will be invited to explore and discuss strategies of art alongside strategies of science to allow a meaningful exchange in different contexts, from the lab, to the museum, to the studio.

13 | 16:30 / #room13

REVERSE

Strategy & vision, Science ♥ society

CONVENOR

Cissi Billgren Askwall, Secretary General, Vetenskap & Allmänhet, Stockholm, Sweden

SPEAKERS

Markus Weißkopf, President, Eusea - European Science Events Association, Berlin, Germany, @m_weisskopf / **Philipp Burkard**, Director, Foundation Science et Cité, Bern, Switzerland
Aleksandra Drecun, President, Intersection. Centre for Science and Innovation, Belgrade, Serbia

Coordinating national initiatives of science communication

This session will explore the challenges and opportunities of coordinating collaborations with a nationwide scope and compare solutions in different European countries. What kind of projects need national collaborations? What are the challenges of creating collaborations between sometimes very different players? What are the characteristics of successful nationwide science communication projects?

The session will draw on the experiences of four leading national science communication organisations and will consist of several rounds of provocative statements responded to first by each panelist and then by the audience.

15 | 16:30 #room15

PANEL
Collections

CONVENOR

Jacques Ayer, Director, Natural History Museum of Geneva, Geneva, Switzerland

SPEAKERS

Maria João Fonseca, Interim Executive Coordinator, Natural History and Science Museum of the University of Porto (MHNC-UP), Porto, Portugal
Beat Hächler, Director, Swiss Alpine Museum, Bern, Switzerland
Grégoire Mayor, Co-Director, Musée d'ethnographie Neuchâtel, Neuchâtel, Switzerland / **Hervé Groscurret**, Head of public and exhibitions Unit, Natural History Museum of Geneva, Geneva, Switzerland

Recontextualising
collections

Collections are the heart of a museum. As a source of information for science education, as a source of fascination, emotion or inspiration to visitors: collections are the raw material of museum public engagement. Our increasingly digital and virtual world brings new challenges; museums must reimagine the role of their collections, engaging their public to offer not only knowledge and inspiration, but also a platform for interaction and debate on current social and environmental issues and today's complex world.

In this panel, we present case studies and discuss how contemporary museums can use their collections to play a key role in public discourse across multiple domains including environmental protection, cultural attitudes to nature, harnessing information technology, ongoing scientific discovery, socio-economic change and more.

18 | 16:30 #room18

WORKSHOP / EDGY ▲
Science ♥ society, Equity & Inclusion

CONVENOR

Cristina Olivetto, Co-founder, Onl'Fait, Geneva, Switzerland

SPEAKERS

Vanessa Mignan, Head of Education and Public Engagement, TRACES / Espace des Sciences Pierre-Gilles de Gennes, Paris, France, @GroupeTraces / **Ellen Dowell**, Creative Producer, Imperial College London / Green Man Festival, London, United Kingdom, @backstage_girl
Heidrun Schulze, Project Manager, Science Center Netzwerk, Vienna, Austria / **Pedro Russo**, Assistant Professor Astronomy & Society, Leiden University, Leiden, The Netherlands / **Joseph Roche**, Astrophysicist and Assistant Professor in Science Education, Science Gallery, Trinity College, Dublin, Ireland, @joeboating

Think big,
be small

There is a growing interest for low-cost open scientific and technological third places. Maker-Spaces, pop-up spaces and small science centres across the world have the ambition to become places where citizens gather to spend their free time and build communities, as public libraries used to be.

These spaces possess a number of interesting features compared to their bigger counterparts, such as reduced budgets, commercial-public business models, decentralised locations, regular visitors and the potential for a different kind of interaction with their local community. Is this the way to provide small-scale but equitable, flexible and deep learning? Or do open informal science spaces support anti-intellectualism, celebrate autodidacticism and personal initiative against a real democratisation of science?

MAKER SPACE | 16:30 #EcsiteMakers

DROP-IN SESSION
LearningDrop-in
and make

The Ecsite MakerSpace is a physical location at the conference centre curated by a group of tinkerers and educators from all over the world. In this inspiring environment full of tools, materials and demonstrations, we'll present hands-on workshops and use these experiences to spark reflective discussions about why making and tinkering matter for museums, science centres and other science engagement venues.

Throughout the entire conference, learn about high and low tech tools/digital fabrication, get to know local artists and makers and test prototypes. Whether you are an experienced maker or a complete newcomer, we invite you to stop by for a workshop or pop in at breaks to engage with projects, meet new collaborators and share ideas.

This year we'll be investigating the "creative collisions" of cardboard with science, art and technology by building marble runs, experimenting with computation and constructing unusual mechanisms.

GAME LAB | 16:30 #GameLab

BRAINSTORM
Learning, Science ♥ society

CONVENORS

Kate Kneale, Director, HKD, Margate, United Kingdom, @KnealeK
Richard Houghton, Creative Director, HKD Ltd, Margate, United Kingdom

Game Maker Challenge,
or Help, I need a game!

The GameLab brings together people who are working with games and play in science centres and museums. They are experienced at creating games which range from real world escape rooms to virtual reality adventures, community game hacks to commissions. If you have a project, an ignored gallery, a tricky problem - bring your challenge to the GameLab.

We need your brief... The subject: space, nutrition, maths, natural history, ecology, genetics etc. The audience: under 5s, over 50s, schools, girls, people who do not visit museums, etc. Restrictions: pop-up space, in foyer, must travel, no technician, tiny budget etc. This is a drop-in activity - come along and explore how games could change your organisation.

Closing & Handover Ceremony

Say goodbye to our 2018 hosts and hello to the Experimentarium team who will be welcoming us for the 2019 Ecsite Annual Conference:

6 - 8 June 2019,
Copenhagen, Denmark

Farewell Party

The Farewell Party is the conference's most informal social event: dance, chat, share a drink with other participants...

This year it will be taking place at the Bâtiment des Forces Motrices (BFM) in Geneva, a beautiful building on the river Rhone whose initial function was to supply Geneva's households with drinking water and regulate the level of the lake. It has been converted into a welcoming hall and auditorium in the heart of Geneva, certainly one of the hippest venues in the city today.

There will be no meal served that evening, only drinks and snacks. Recommended dress code: casual. As for all events, don't forget to have your conference badge with you.

More information on page 150

SPEAKERS & CONVENORS

Inès Abdel Razek, Head, International Unit, Al Nayzak Organization for Supportive Education and Scientific Innovation, East Jerusalem, Palestine
THU 07 / 16:30-17:45

André Abreu, Head for Environment and Climate Policy, Tara Expeditions Foundation, Paris, France
WED 06 / 9:00-17:45
THU 07 / 14:30-15:45

Marianne Achiam, Associate professor, Department of Science Education, University of Copenhagen, Copenhagen, Denmark
SAT 09 / 9:00-10:15

Heli Ainoa, Director of Communications and Services, Heureka - The Finnish Science Centre, Vantaa, Finland
FRI 07 / 12:00-13:15
SAT 09 / 12:00-13:15

Hanouf Al-Alawi, Science Educator, Natural History Museum London, London, United Kingdom
SAT 09 / 14:30-15:45

Asma' Al Mozayen, Assistant Researcher, A. M. Qattan Foundation, Ramallah, Palestine
SAT 09 / 9:00-10:15

Rana Al-Nibar, Director General, The Scientific Center of Kuwait, Kuwait
THU 07 / 16:30-17:45

Leonel Alegre, Experience and Content Manager, Toyno - space experience design studio, Lisbon, Portugal
WE 06 / 9:00-17:45

FRI 08 / 17:00-17:45
SAT 09 / 9:00-10:15

Leonardo Alfonsi, Director at Psiquadro, Psiquadro scarl, Perugia, Italy, @LeoAlfonsi

THU 07 / 12:00-13:15
THU 07 / 16:30-17:45
SAT 09 / 9:00-10:15

Efe Alpaly, Creative Director, Reo-tek, Ankara, Turkey
THU 07 / 12:00-13:15

Carol Lynn Alpert, Director, Strategic Projects Group, and co-Director, Center for Integrated Quantum Materials headquartered at Harvard University, Museum of

Science, Boston, United States

THU 07 / 14:30-15:45

Olov Amelin, Director, Nobelmuseum, Stockholm, Sweden
THU 07 / 14:30-15:45

Sharon Ament, Director, Museum of London, London, United Kingdom

THU 07 / 9:45-11:00

THU 07 / 12:00-13:15

THU 07 / 16:30-17:45

FRI 08 / 12:00-13:15

FRI 08 / 14:30-15:45

SAT 09 / 12:00-13:15

Luigi Amodio, Director of the Science Centre, Fondazione IDIS - Città della Scienza, Naples, Italy
SAT 09 / 14:30-15:45

Theodoros Anagnostopoulos, Founder & General Manager, SciCo, Athens, Greece
THU 07 / 14:30-15:45

Michèle Antoine, Director of Exhibitions, universcience, Paris, France

THU 07 / 12:00-13:15

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Ana Rita Antunes, Museum Education Officer, Science Xplore, Viseu, Portugal
THU 07 / 12:00-13:15

Bruno Araújo-Gomes, Head of Exhibitions Unit, Pavilion of Knowledge (Pavilhão do Conhecimento) - Centro Ciência Viva, Lisbon, Portugal
FRI 08 / 17:00-17:45

Erik Arends, Physics Outreach Officer, Leiden University, Leiden, The Netherlands
FRI 08 / 14:30-15:45

Malvina Artheau, Development & european partnerships - RRI - LivingLab, Artheau Accompagnement, Toulouse, France, @MalvinaArtheau

TUE 05 / 9:00-17:45

WE 06 / 9:00-17:45

THU 07 / 16:30-17:45

Elisa Atger, Project Officer, World Ocean Network, Boulogne-sur-Mer, France
FRI 08 / 14:30-15:45

Dacha Atienza, Head of Scientific Area, Museu de Ciències Naturals de Barcelona, Barcelona, Spain
SAT 09 / 9:00-10:15

Baerbel Auffermann, Deputy Director, Stiftung Neanderthal Museum, Mettmann, Germany

SAT 09 / 16:30-17:45

Jacques Ayer, Director, Natural History Museum of Geneva, Geneva, Switzerland

THU 07 / 9:45-11:00

SAT 09 / 16:30-17:45

Benjamin Bacon, Co-Founder, Dogma Lab, Shanghai, China

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Sara Bagge, Developer and teacher, NAVET, Borås, Sweden

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Gretchen Baker, Vice President of Exhibitions, Natural History Museum of Los Angeles County, Los Angeles, United States
THU 07 / 12:00-13:15

THU 07 / 16:30-17:45

Bálint Balázs, Senior Research Fellow, ESSRG, Budapest, Hungary
THU 07 / 14:30-15:45

Lindsay Balfour, Content and Community Manager, Strawbees AB, Gothenburg, Sweden

FRI 08 / 14:30-15:45

Yael Bamberger, Experiential Learning Spaces Developer & Designer, EdQuest - Twist in Education, Haifa, Israel

WE 06 / 9:00-17:45

Nadia Battello, Science mediator, Luxembourg Science Center, Differdange, Luxembourg

SAT 09 / 16:30-17:45

Radhika Beaume, Graphic Designer, CRI- Interdisciplinary Research Center, Paris, France

TUE 05 / 9:00-17:45

THU 07 / 16:30-17:45

Thomas Beck, System Engineer, CHEOPS Space Mission, University of Geneva, Department of Astronomy, Versoix, Switzerland

WE 06 / 9:00-17:45

Julie Becker, Communications and Events Manager, Ecsite, Brussels, Belgium, @museoju

SAT 09 / 9:00-10:15

SAT 09 / 14:30-15:45

SAT 09 / 16:30-17:45

Gunnar Behrens, Managing Director, Archimedes Exhibitions, Berlin, Germany
SAT 09 / 14:30-15:45

Mónica Bello, Head of Arts, CERN, the European Laboratory for Particle Physics, Geneva, Switzerland

SAT 09 / 16:30-17:45

Alan Belward, Head of Knowledge Management for Sustainable Development Unit, European Commission, Ispra, Italy
THU 07 / 16:30-17:45

Thomas B Berg, Senior Scientist, Collection and Exhibition Manager, NATURAMA, Svendborg, Denmark
WE 06 / 9:00-17:45

Stephane Berghmans, CEO, Technopolis, the Flemish Science Centre, Mechelen, Belgium

THU 07 / 14:30-15:45

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Gène Bertrand, Head of Programmes and Cooperation, Museumplein Limburg, Kerkrade, The Netherlands
SAT 09 / 16:30-17:45

Martyn Best, CEO, Cultural Innovations Ltd, London, United Kingdom
SAT 09 / 14:30-15:45

Albrecht Beutelspacher, Director, Mathematikum, Giessen, Germany
FRI 08 / 14:30-15:45

Bronwyn Bevan, Senior Research Scientist, University of Washington, Seattle, United States

THU 07 / 16:30-17:45

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Piotr Bienkowski, Project Director, Our Museum programme, Paul Hamlyn Foundation, Beeswing, United Kingdom

WE 06 / 9:00-17:45

Cissi Billgren Askwall, Secretary General, Vetenskap & Allmänhet, Stockholm, Sweden

SAT 09 / 16:30-17:45

Nicolas Billot, Operations Scientist, CHEOPS Space Mission, University of Geneva, Department of Astronomy, Versoix, Switzerland

WE 06 / 9:00-17:45

Maurice Bitran, CEO, Ontario Science Centre, Toronto, Canada
SAT 09 / 14:30-15:45

Olle Bjerkås, Inventor, Fraktalfabriken, Göteborg, Sweden
FRI 08 / 14:30-15:45

Jasper Bloemen, Science educator, Ecoli, Antwerp, Belgium
TUE 05 / 9:00-17:45

Alisson Boiffard, Exhibition designer, universcience, Paris, France
WE 06 / 9:00-17:45

Michael Bradke, Director and Driver, Mobiles Musik Museum, Duesseldorf, Germany

THU 07 / 12:00-13:15

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Lisa Brahms, Director of Learning & Research, Children's Museum of Pittsburgh, Pittsburgh, United States

FRI 08 / 17:00-17:45

Christina Brandenberger, PhD student, URPP Language and Space, University of Zurich, Zurich, Switzerland
FRI 08 / 17:00-17:45

Thierry Brassac, Head of Science/Culture Dpt, Montpellier University / Service Culture Scientifique, Montpellier, France, @ThierryBrassac

THU 07 / 12:00-13:15

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Caroline Breunese, Head of Exhibitions, Naturalis Biodiversity Center, Leiden, The Netherlands
FRI 08 / 17:00-17:45

François Briard, Head of the Visitors and Local Engagement, CERN, the European Laboratory for Particle Physics, Geneva, Switzerland

FRI 08 / 14:30-15:45

Margaret Brown, Emeritus Professor, King's College London, London, United Kingdom

FRI 08 / 14:30-15:45

Ian Brunswick, Programme Manager, Science Gallery, Trinity College, Dublin, Ireland, @ianbrunswick

SAT 09 / 9:00-10:15

SAT 09 / 14:30-15:45

SAT 09 / 16:30-17:45

Anne-Marie Bruyas, Responsible for International Relationships, Fondazione IDIS - Città della Scienza, Naples, Italy
THU 07 / 16:30-17:45

Jo Bryant, Community Engagement and Volunteer Manager, We The Curious, Bristol, United Kingdom

WE 06 / 9:00-17:45

Michiel Buchel, Director, NEMO Science Museum, Amsterdam, The Netherlands
THU 07 / 16:30-17:45

Bo Burgmans, Managing Director, Bruns B.V., Bergeijk, The Netherlands

SAT 09 / 14:30-15:45

Philipp Burkard, Director, Foundation Science et Cité, Bern, Switzerland
SAT 09 / 16:30-17:45

Nathalie Caplet, Science communication and patient involvement manager, BRIO (Bordeaux Recherche Intégrée Oncologie), Bordeaux, France, @natnath

THU 07 / 12:00-13:15

THU 07 / 14:30-15:45

Antonia Caola, Head of Communication, International Collaborations, Marketing & PR, MUSE - Museo delle Scienze, Trento, Italy

SAT 09 / 9:00-10:15

SAT 09 / 16:30-17:45

Carlos Catalao Alves, Board Member, Pavilion of Knowledge (Pavilhão do Conhecimento) - Centro Ciência Viva, Lisbon, Portugal, @CatalaoAlves

THU 07 / 16:30-17:45

Loris Cecchini, Artist, Studio Loris Cecchini, Berlin, Germany
FRI 08 / 14:30-15:45

Isabelle Chabanon-Pouget, ICT explainer, universcience, Paris, France, @isa_carrnum

TUE 05 / 9:00-17:45

WE 06 / 9:00-17:45

FRI 08 / 9:00-10:15

Katerina Chabova, Manager for VIP partners, Touring Exhibitions Manager, CEO of the Czech Association of the Science Centers., Techmania Science Center, Pilsen, Czech Republic
THU 07 / 12:00-13:15

Sylvaine Champagne, Manager, Exhibitions, Ingenium Canada, Ottawa, Canada
FRI 08 / 9:00-10:15

Raphael Chanay, Exhibitions and Interpretation Manager, The Natural History

Museum London, London, United Kingdom,
@rafchanay

THU 07 / 16:30-17:45

SAT 09 / 9:00-10:15

SAT 09 / 16:30-17:45

Audrey Chang, Chief of Business Planning and Partnerships, National Museum of Natural History, Washington DC, United States

THU 07 / 12:00-13:15

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Isabelle Chappuis, Museums Coordinator, Board Member Association Mediamus, Mediamus, Swiss association for professionals in museum mediation, Bern, Switzerland

FRI 08 / 9:00-10:15

Naama Charit Yaari, Physics director, curator, Clore Garden of Science - Davidson Institute of Science Education, Rehovot, Israel

FRI 08 / 14:30-15:45

Marc Chavand, Chief of the legal department, universcience, Paris, France

FRI 08 / 17:00-17:45

Aurélien Chenel, Scientific mediator, universcience, Paris, France

FRI 08 / 9:00-10:15

Laurent Chicoineau, Director, Quai des savoirs, Toulouse, France

FRI 08 / 9:00-10:15

Jennifer Chow, Director of Sales, Global Business Development, American Museum of Natural History, New York, United States

THU 07 / 16:30-17:45

Irena Cieślinska, Chief of Unicorn Division, Copernicus Science Centre, Warsaw, Poland

SAT 09 / 9:00-10:15

SAT 09 / 14:30-15:45

Manuel Cira, Head of International Relations, NAUSICAA national Sea Experience Centre, Boulogne-sur-Mer, France

FRI 08 / 14:30-15:45

Alain Coine, General Delegate, Fonds de dotation universcience Partenaires, Paris, France

THU 07 / 12:00-13:15

Caren Cooper, Associate Professor, North Carolina Museum of Natural Sciences, Raleigh, United States

THU 07 / 12:00-13:15

Hernán Crespo Bermejo, FM CaixaForum, Fundació Bancaria "la Caixa", Barcelona, Spain

FRI 08 / 17:00-17:45

Ana Crespo-Blanc, Research Department leadership (Parque de las Ciencias), Parque de las Ciencias, Granada, Spain

SAT 09 / 14:30-15:45

Gertie Cuijpers, Presentation and education, Universiteitsmuseum, Utrecht, The Netherlands

SAT 09 / 16:30-17:45

Sawsan Dalaq, Director, The Children's Museum Jordan, Amman, Jordan

THU 07 / 16:30-17:45

Emily Dawson, Lecturer in Science Communication, University College London, London, United Kingdom, @emilydawsom

WE 06 / 9:00-17:45

Daniela De Angeli, Research Associate, University of Bath, Bath, United Kingdom

WE 06 / 9:00-17:45

SAT 09 / 9:00-10:15

SAT 09 / 9:00-10:15

Dick de Jong, Manager Presentation & Collection, NEMO Science Museum, Amsterdam, The Netherlands

FRI 08 / 9:00-10:15

SAT 09 / 16:30-17:45

Bettina Deutsch-Dabernig, Head of the Exhibitions, FRida & freD - The Graz Children's Museum, Graz, Austria

FRI 08 / 9:00-10:15

Jennifer DeWitt, Researcher, UCL Institute of Education, London, United Kingdom

TUE 05 / 9:00-17:45

THU 07 / 14:30-15:45

SAT 09 / 14:30-15:45

Justin Dillon, Professor of science and environmental education, University of Exeter, Exeter, United Kingdom, @JustinDillonUoB

THU 07 / 16:30-17:45

Vesselina Dimitrova, Chief expert, Burgas Municipality, Burgas, Bulgaria

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Debbie Donohue, VP of Exhibitions, Imagine exhibitions, Atlanta, United States

THU 07 / 12:00-13:15

Michael Doser, Senior Research Physicist, CERN, the European Laboratory for Particle Physics, Geneva, Switzerland

SAT 09 / 16:30-17:45

Ellen Dowell, Creative Producer, Imperial College London / Green Man Festival, London, United Kingdom, @backstage_girl

SAT 09 / 16:30-17:45

John Downey, Senior Educator / External Events Coordinator, Balthazar Science Center, Skövde, Sweden

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Aleksandra Drecun, President, Intersection. Centre for Science and Innovation, Belgrade, Serbia

SAT 09 / 16:30-17:45

Diane Drubay, Founder, We Are Museums, Berlin, Germany

FRI 08 / 9:00-10:15

Isabelle Du Four, Project manager for exhibitions, Royal Belgian Institute of Natural Sciences, Brussels, Belgium

FRI 08 / 17:00-17:45

Armin Duff, Head of Education, Swiss Science Center Technorama, Winterthur, Switzerland

FRI 08 / 9:00-10:15

FRI 08 / 17:00-17:45

Robert Dunn, Professor, North Carolina Museum of Natural Sciences, Raleigh, United States

THU 07 / 12:00-13:15

John Durrant, Director, BDH Immersive, Bristol & London, United Kingdom

FRI 08 / 14:30-15:45

Richard-Emmanuel Eastes, Academic Consultant, Traces & SEGALLIS, Sorvilier, Switzerland

SAT 09 / 9:00-10:15

Sybill Ebers, Director/CEO, Westfälisches Pferdarium Münster, Münster, Germany

SAT 09 / 16:30-17:45

Jörg Ehtreiber, Director, FRida & freD - The Graz Children's Museum, Graz, Austria

THU 07 / 12:00-13:15

Nisreen El-Nashemite, Executive Director, Royal Academy of Science International Trust, United Kingdom

THU 07 / 16:30-17:45

Peter Elsaesser, CEO, Museumspartner GmbH, Innsbruck, Austria

THU 07 / 16:30-17:45

Giulia Enders, Writer and Scientist, Goethe University in Frankfurt, Frankfurt, Germany

FRI 08 / 10:30-11:30

SAT 09 / 10:30-11:30

Jill Enders, Illustrator, Book: Gut: The Inside Story of Our Body's Most Underrated Organ, Germany

FRI 08 / 10:30-11:30

SAT 09 / 10:30-11:30

Dobrovoje Lale Eric, Head of Department of International Cooperation, Centar za promociju nauke, Belgrade, Serbia

THU 07 / 16:30-17:45

Domingo Escutia, Project Manager, Parque de las Ciencias, Granada, Spain, @DoESMu

THU 07 / 12:00-13:15

Stefan Fahrngruber, Senior Interaction Designer, NorthernLight Design, Amsterdam, The Netherlands

THU 07 / 12:00-13:15

Patrizia Famà, Scientific Communicator, MUSE - Museo delle Scienze, Trento, Italy

FRI 08 / 14:30-15:45

Aymeric Faucher, Software Developer, CRI- Interdisciplinary Research Center, Paris, France

TUE 05 / 9:00-17:45

THU 07 / 14:30-15:45

Helen Featherstone, Head of Public Engagement, University of Bath, Bath, United Kingdom

THU 07 / 16:30-17:45

Carmen Fenollosa, Project Manager, Ecsite, Brussels, Belgium

THU 07 / 16:30-17:45

FRI 08 / 14:30-15:45

Frederick Fenter, Executive Editor, Frontiers, Lausanne, Switzerland

FRI 08 / 9:00-10:15

Nuno Ferrand de Almeida, Full Professor/Director, Natural History and Science Museum of the University of Porto (MHNC-UP), Porto, Portugal

FRI 08 / 17:00-17:45

Michael Feser, Partner, Archimedes

Exhibitions, Berlin, Germany

SAT 09 / 9:00-10:15

Penny Fidler, CEO, The Association for Science and Discovery Centres, Bristol, United Kingdom, @sciencecentres

SAT 09 / 9:00-10:15

Marta Figueiredo, President, Science Xplore, Viseu, Portugal

THU 07 / 12:00-13:15

Suzana Filipecki Martins, Project Manager, Ecsite, Brussels, Belgium, @suzanafm

THU 07 / 16:30-17:45

FRI 08 / 9:00-10:15

FRI 08 / 14:30-15:45

Robert Firmhofer, CEO, Copernicus Science Centre, Warsaw, Poland

FRI 08 / 9:00-10:15

FRI 08 / 14:30-15:45

Ann Follin, Director General, National Museums of World Culture, Stockholm, Sweden, @AnnFollin

THU 07 / 12:00-13:15

THU 07 / 16:30-17:45

Maria João Fonseca, Interim Executive Coordinator, Natural History and Science Museum of the University of Porto (MHNC-UP), Porto, Portugal

SAT 09 / 16:30-17:45

Catherine Franche, Executive Director, Ecsite, Brussels, Belgium

THU 07 / 9:45-11:00

Francisco Franco del Amo, Technical Manager-Aquarium Finisterrae, Museos Científicos Coruñeses, A Coruña, Spain

FRI 08 / 14:30-15:45

Pierre-Yves Frei, Project officer, Natural History Museum of Geneva, Geneva, Switzerland

TUE 05 / 9:00-17:45

Bob Friedhoffer, Researcher / Speaker, City University of New York - retired, New York, United States

FRI 08 / 14:30-15:45

Linda Gallé, Curator, Exhibitions and Knowledge Transfer, Museum für Naturkunde Berlin, Berlin, Germany

THU 07 / 16:30-17:45

Karin Garber, Managing Director, Vienna Open Lab, Vienna, Austria

FRI 08 / 17:00-17:45

Maria Isabel Garcia, Curator, The Mind Museum (Bonifacio Art Foundation Inc.), Taguig, Philippines

SAT 09 / 14:30-15:45

Christopher Garthe, Head of concept - Creative Director for exhibition development, studio klv, Freiburg, Germany

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Ronan German, R&D Project Manager, Mazedia, Nantes, France

SAT 09 / 14:30-15:45

Aliki Giannakopoulou, Project Manager, Ellinogermaniki Agogi SA, Athens, Greece

THU 07 / 14:30-15:45

FRI 08 / 14:30-15:45

Iwona Gin, Head of European Projects, NAUSICAA National Sea Experience Centre, Boulogne-sur-Mer, France

FRI 08 / 14:30-15:45

Carla Giusti, Director Exhibition Team, Fondazione IDIS - Città della Scienza, Naples, Italy

FRI 08 / 14:30-15:45

Kim Gladstone Herlev, Executive Director, Experimentarium, Hellerup, Denmark

THU 07 / 14:30-15:45

FRI 08 / 9:00-10:15

Margaret Glass, Director, Professional Development, ASTC, Washington DC, United States

THU 07 / 16:30-17:45

Nicolas Godinot, Head of content, Fondation Alimentarium - Food Museum, Vevey, Switzerland

SAT 09 / 9:00-10:15

SAT 09 / 16:30-17:45

Antonio Gomes da Costa, Director of Scientific Mediation and Education, universcience, Paris, France

FRI 08 / 12:00-13:15

SAT 09 / 9:00-10:15

SAT 09 / 12:00-13:15

Leticia González, Inclusion Program Coordinator, Museu de Ciències Naturals de Barcelona, Barcelona, Spain

THU 07 / 14:30-15:45

Alfred Grimlund, Educator, Tekniska museet, Stockholm, Sweden

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Freddy Grip, Lead Developer, Vetenskap

ens Hus (Stockholm House of Science), Stockholm, Sweden, @freddygrip
TUE 05 / 9:00-17:45

FRI 08 / 17:00-17:45
Hervé Grosccarret, Head Public engagement and Exhibition, Natural History Museum of Geneva, Geneva, Switzerland
WE 06 / 9:00-17:45
SAT 09 / 16:30-17:45

Hans Gubbels, CEO, Museumplein Limburg, Kerkrade, The Netherlands, @HansGubbels

THU 07 / 14:30-15:45
SAT 09 / 16:30-15:45

Elsa Guerry, Head of Programming and Travelling Exhibitions, Muséum National d'Histoire Naturelle, Paris, France
THU 07 / 12:00-13:15

Christelle Guiraud, Exhibit developer, universcience, Paris, France
FRI 08 / 12:00-13:15
SAT 09 / 12:00-13:15
SAT 09 / 16:30-17:45

Beat Hächler, Director, Swiss Alpine Museum, Bern, Switzerland
SAT 09 / 16:30-17:45

Muki Haklay, Professor of Geographic Information Science, University College London, London, United Kingdom
FRI 08 / 17:00-17:45

Maya Halevy, Director, The Bloomfield Science Museum Jerusalem, Jerusalem, Israel
THU 07 / 14:30-15:45
FRI 08 / 9:00-10:15

Carina Halvord, Managing Director, Universeum AB, Gothenburg, Sweden
THU 07 / 14:30-15:45

Honor Harger, Executive Director, ArtScience Museum at Marina Bay Sands, Singapore, Singapore
SAT 09 / 16:30-17:45

Chris Harris, Head of Exhibition and Touring, The Australian Centre for the Moving Image (ACMI), Melbourne, Australia
THU 07 / 14:30-15:45

Holly Hasted, PhD Fellow, UiT - The Arctic University of Norway & Tromsø University Museum, Tromsø, Norway
THU 07 / 12:00-13:15

Javier Hidalgo Gil, Head of science exhibition and programmes, Fundació Bancària "la Caixa" (CosmoCaixa Barcelona), Barcelona, Spain
THU 07 / 14:30-15:45
FRI 08 / 17:00-17:45

Pernille Hjort, Head of education and public engagement, Natural History Museum of Denmark, Copenhagen, Denmark
THU 07 / 12:00-13:15
FRI 08 / 12:00-13:15
SAT 09 / 12:00-13:15

Eva Hofstad Hagen, Head of education, Vitensenteret i Trondheim, Trondheim, Norway
FRI 08 / 12:00-13:15
SAT 09 / 12:00-13:15

Jenny Hogan, Associate Director, Outreach and Media Relations, Centre for Quantum Technologies, National University of Singapore, Singapore
THU 07 / 14:30-15:45

Magne Hognestad, Manager Science Circus/Head of outreach, Jaermuseet, Nærbø, Norway
FRI 08 / 12:00-13:15
SAT 09 / 12:00-13:15

Christoph Hottiger, PhD student, University of Zurich, Zurich, Switzerland
FRI 08 / 17:00-17:45

Susan Holmes, Exhibitions and Interpretation Manager, The Natural History Museum London, London, United Kingdom
WE 06 / 09:00-17:45

Pippa Hough, Senior Content Developer, Science Museum Group, London, United Kingdom
FRI 08 / 9:00-10:15

Richard Houghton, Creative Director, HKD Ltd, Margate, United Kingdom
FRI 08 / 17:00-17:45
SAT 09 / 16:30-17:45

Carlin Hsueh, Project Manager, Association of Science-Technology Centers, Washington DC, United States, @biotechTour
FRI 08 / 17:00-17:45

Tiina Huber, Director of Cultural Mediation Switzerland, Kulturvermittlung Schweiz, Zurich, Switzerland
FRI 08 / 9:00-10:15

Jochen Hunger, Scenographer, jh Museum & exhibition design, Erlangen, Germany
THU 07 / 12:00-13:15

FRI 08 / 17:00-17:45

Asa Husberg, Museum Educator, Nobelmu-seet, Stockholm, Sweden

FRI 08 / 12:00-13:15
SAT 09 / 12:00-13:15

Yasushi Ikebe, Principle Investigator of Science Communication, National Museum of Emerging Science and Innovation (Miraikan), Tokyo, Japan
SAT 09 / 16:30-17:45

Ilona Howiecka-Tańska, Head of the Research Department, Copernicus Science Centre, Warsaw, Poland
TUE 05 / 9:00-17:45
THU 07 / 14:30-15:45

Rachael Inglis, Head of Evaluation and Research, Cambridge Science Centre, Cambridge, United Kingdom
THU 07 / 14:30-15:45

Evanthia Ioannidou, Museographer, universcience, Paris, France
THU 07 / 12:00-13:15

Brad Irwin, Partnerships Development Manager, The Natural History Museum London, London, United Kingdom, @NHM_Global
THU 07 / 12:00-13:15
FRI 08 / 14:30-15:45

Carina Jaatinen, Head of Exhibitions, Heureka - The Finnish Science Centre, Vantaa, Finland
THU 07 / 12:00-13:15
FRI 08 / 14:30-15:45

Noel Jackson, Head of Education, International Centre for Life, Newcastle upon Tyne, United Kingdom
FRI 08 / 12:00-13:15
FRI 08 / 14:30-15:45
SAT 09 / 12:00-13:15

Erik Jacquemyn, Science centre expert, Jacquemyn & Associates, Linden, Belgium
SAT 09 / 14:30-15:45

Alexia Jacques Casanova, Community engagement facilitator, Artizest, Nantes, France
SAT 09 / 9:00-10:15

Sjan Janssen, Senior project manager for

exhibitions, Naturalis Biodiversity Center, Leiden, The Netherlands
FRI 08 / 17:00-17:45

Ryan Jenkins, Co-Founder, Education, Wonderful Idea Co., San Francisco, United States, @ryanejenkins
THU 07 / 12:00-13:15
THU 07 / 16:30-17:45

Colin Johnson, Ecsite Honorary Fellow, Cardiff, Wales
TUE 05 / 9:00-17:45
THU 07 / 16:30-17:45

Tania Johnston, ESO Supernova Coordinator, ESO European Southern Observatory, Garching bei München Germany, @taniaj78
TUE 05 / 9:00-17:45
WE 06 / 9:00-17:45

David Jones, Community Liaison Manager, International Centre for Life, Newcastle upon Tyne, United Kingdom
SAT 09 / 9:00-10:15

Rose Jones, Director of Evaluation, Perot Museum of Nature and Science, Dallas, United States
FRI 08 / 9:00-10:15

Fabrice Jouvenot, GameLab Director - Senior Experience Designer, CRI - Interdisciplinary Research Centre, Paris, France, @DanteOnyrium
TUE 05 / 9:00-17:45
WE 06 / 9:00-17:45
FRI 08 / 14:30-15:45
SAT 09 / 9:00-10:15

Andres Juur, Director, AHAA Science Centre Foundation, Tartu, Estonia
SAT 09 / 16:30-17:45

Leenu Juurola, Project Manager, Heureka - The Finnish Science Centre, Vantaa, Finland
FRI 07 / 12:00-13:15
SAT 09 / 12:00-13:15
SAT 09 / 14:30-15:45

Joanna Kalinowska, Development Director, Copernicus Science Centre, Warsaw, Poland
TUE 05 / 9:00-17:45
FRI 08 / 9:00-10:15
FRI 08 / 12:00-13:15
FRI 08 / 17:00-17:45
SAT 09 / 12:00-13:15

Artur Kalinowski, Chief specialist in the Research Department, Copernicus Science Centre, Warsaw, Poland

THU 07 / 12:00-13:15
FRI 08 / 9:00-10:15
Lorenz Kampschulte, Scientific Coordinator, Kiel Science Outreach Campus KISOC, Kiel, Germany
FRI 08 / 14:30-15:45

Peeranut Kanhadilok, Head of Exhibition Section of the Science Museum, Thailand, National Science Museum, Khlong Luang, Thailand
FRI 08 / 12:00-13:15
SAT 09 / 12:00-13:15

Sander Kask, external funding assistant, AHAA Science Centre Foundation, Tartu, Estonia
FRI 08 / 12:00-13:15
SAT 09 / 12:00-13:15

Ulrike Kastrup, Museum director, focus-Terra, ETH Zürich, Zurich, Switzerland
SAT 09 / 14:30-15:45

Sarah Kellberg, Curator / PhD Candidate, Deutsches Museum, Munich, Germany
FRI 08 / 14:30-15:45

Wolfgang Kesselheim, Head of the URPP Language and Space Labs, University of Zurich (Linguistics), Zurich, Switzerland
FRI 08 / 17:00-17:45

Samar D. Kirresh, Senior Researcher-Science Studio, A. M. Qattan Foundation, Ramallah, Palestine
THU 07 / 12:00-13:15
FRI 08 / 12:00-13:15
SAT 09 / 12:00-13:15
SAT 09 / 14:30-15:45

Annette Klinkert, CEO city2science, city2science - Science Communication and Strategy Consulting, Herford, Germany, @city2science
FRI 08 / 9:00-10:15
SAT 09 / 9:00-10:15

Kate Kneale, Director, HKD, Margate, United Kingdom, @KnealeK
SAT 09 / 9:00-10:15
SAT 09 / 14:30-15:45
SAT 09 / 16:30-17:45

Nikola Köhler-Kroath, Head of Learning, FRida & reD - The Graz Children's Museum, Graz, Austria
THU 07 / 16:30-17:45

Tapio Koivu, CEO, Heureka - The Finnish

Science Centre, Vantaa, Finland

THU 07 / 14:30-15:45
SAT 09 / 14:30-15:45

Pilvi Kolk, Member of the Management Board, AHAA Science Centre Foundation, Tartu, Estonia
THU 07 / 12:00-13:15
THU 07 / 14:30-15:45

Nellie Konijnendijk, Education & Edutainment manager, Technopolis, the Flemish Science Centre, Mechelen, Belgium
FRI 08 / 12:00-13:15
SAT 09 / 12:00-13:15

Miha Kos, Director, Ustanova Hiša eksperimentov, Ljubljana, Slovenia
SAT 09 / 9:00-10:15

Martin Kulhawczuk, Head of Exhibition, Vitensenteret i Trondheim, Trondheim, Norway
FRI 08 / 12:00-13:15
SAT 09 / 12:00-13:15

Ibrahim Kunduz, Coordinator, Eskisehir Science & Experiment Center of Metropolitan Municipality and Sabanci Planetarium, Eskisehir, Turkey
FRI 08 / 12:00-13:15
SAT 09 / 12:00-13:15

Frank Kupper, Assistant Professor Science Communication, Athena Institute, Amsterdam, The Netherlands
THU 07 / 16:30-17:45
FRI 08 / 14:30-15:45

Joona Kurikka, Researcher, CERN, the European Laboratory for Particle Physics, Geneva, Switzerland
SAT 09 / 14:30-15:45

Virginie Lacombe, Exhibition Designer, universcience, Paris, France
FRI 08 / 9:00-10:15

Martin Laforest, Senior manager, Scientific Outreach, Institute for Quantum Computing, University of Waterloo, Waterloo, Canada
THU 07 / 14:30-15:45

Samuel Lagier, Founder, SamSpeaks-Science, Lausanne, Switzerland
THU 07 / 16:30-17:45
SAT 09 / 9:00-10:15

Anne Land, Assistant professor, Leiden University, Leiden, The Netherlands

TUE 05 / 9:00-17:45

Quitterie Largeteau, Science Communicator, universcience, Paris, France, @Quitteriel

SAT 09 / 14:30-15:45

Sheena Laursen, Programme Manager - International Relations and Learning, Experimentarium, Hellerup, Denmark, @SheenaLaursen

WE 06 / 9:00-17:45

THU 07 / 12:00-13:15

SAT 09 / 9:00-10:15

Didier Laval, Public Engagement Associate, University of Bristol, Bristol, United Kingdom

FRI 08 / 14:30-15:45

Cindy Lawrence, Executive Director & CEO, National Museum of Mathematics, New York, United States

FRI 08 / 14:30-15:45

Christel Le Delliou, Cultural Coordinator, Le Vaisseau, Strasbourg, France

SAT 09 / 9:00-10:15

Adria LeBoeuf, Founding Director, The Catalyst, Geneva, Switzerland & Rehovot, Israel

THU 07 / 16:30-17:45

SAT 09 / 9:00-10:15

Julie Leclair, Director, Travelling Exhibitions, Ingenium - Canada's Museums of Science and Innovation, Ottawa, Canada, @JulieCSTM

THU 07 / 12:00-13:15

Shaaron Leverment, Deputy CEO, The Association for Science and Discovery Centres, Bristol, United Kingdom

WE 06 / 9:00-17:45

Gemma Levett, Head of Consultancy and Touring Exhibitions, Science Museum Group, London, United Kingdom

FRI 08 / 17:00-17:45

Amparo Leyman Pino, Principal, Yellow Cow Consulting, San Francisco, United States, @ampisquelinda

FRI 08 / 9:00-10:15

Yihuan Lin, Exhibit-interdisciplinary & curate/Director, National Taiwan Science Education Center, Taipei, Taiwan

SAT 09 / 14:30-15:45

Andy Lloyd, Head of Special Projects, International Centre for Life, Newcastle upon Tyne, United Kingdom, @arlloyd

THU 07 / 16:30-17:45

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Joana Lobo Antunes, Head of Communication Office, ITQB NOVA, Oeiras, Portugal, @JoanaLoA

THU 07 / 12:00-13:15

Jamie Lochhead, Director, Windfall Films, London, United Kingdom

THU 07 / 14:30-15:45

Vera Ludwig, Museum Scholar, Deutsches Museum, Munich, Germany

FRI 08 / 9:00-10:15

Sarah Lombard, Senior Digital Curator, United States Holocaust Memorial Museum, Washington DC, United States

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Brad MacDonald, Adjunct Professor, Parsons School of Design, New York, United States, @bmack

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Tamela Maciel, Space Communications Manager, National Space Centre, Leicester, United Kingdom

FRI 08 / 17:00-17:45

Suzanne MacLeod, Professor of Museum Studies, School of Museum Studies, University of Leicester, Leicester, United Kingdom

FRI 08 / 14:30-15:45

Guglielmo Maglio, Manager of Exhibitions, Fondazione IDIS - Città della Scienza, Naples, Italy

FRI 08 / 14:30-15:45

Rosina Malagrida, Head of Living Lab for Health, IrsiCaixa, Badalona, Spain, @RosinaMalagrida

THU 07 / 14:30-15:45

Roberta Mansur, Architect, Toyno - space experience design studio, Lisbon, Portugal

WE 06 / 9:00-17:45

Luisa Marelli, Deputy Head of Unit, European Commission, Joint Research Centre, Ispra, Italy

THU 07 / 16:30-17:45

Christine Marizzi, Manager, Urban Barcode Project, Cold Spring Harbor Laboratory, New York, United States, @CMarizzi

SAT 09 / 14:30-15:45

Ilse Marschalek, Senior Researcher, Project Coordinator, Centre for Social Innovation, Vienna, Austria

THU 07 / 16:30-17:45

Rosa Martí, Ciutat de les Arts i les Ciències, Valencia, Spain

TUE 05 / 9:00-17:45

Sebastian Martin, Tinkering Studio Project Specialist, Exploratorium, San Francisco, United States, @smartinseb

THU 07 / 12:00-13:15

Luisa Massarani, Resarcher and science communicator, National Institute of Public Communication of Science and Technology, Rio de Janeiro, Brazil

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Andreas Matt, CEO, IMAGINARY gGmbH, Berlin, Germany

THU 07 / 12:00-13:15

FRI 08 / 14:30-15:45

Yuri Matteman, Head of Education, Naturalis Biodiversity Center, Leiden, The Netherlands

WE 06 / 9:00-17:45

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Grégoire Mayor, Co-Director, Musée d'ethnographie Neuchâtel, Neuchâtel, Switzerland

SAT 09 / 16:30-17:45

Michel Mayor, Astronomer and Discoverer of the first exoplanet 51 Pegasi b, University of Geneva, Department of Astronomy, Versoix, Switzerland

WE 06 / 9:00-17:45

Roger Mayou, Director, Musée international de la Croix-Rouge et du Croissant-Rouge, Geneva, Switzerland

THU 07 / 16:30-17:45

Darren McGarry, Communication & knowledge management team leader, European Commission, Joint Research Centre, Brussels, Belgium

THU 07 / 16:30-17:45

Elizabeth McGregor Jacobides, PhD, Cambridge University, London, United Kingdom, @wonderworldsci

THU 07 / 16:30-17:45

FRI 08 / 9:00-10:15

FRI 08 / 17:00-17:45

SAT 09 / 9:00-10:15

Deepak Mehta, Educational Expert,

Technopolis, the Flemish Science Centre, Mechelen, Belgium

SAT 09 / 9:00-10:15

Maria Menendez, Head of Corporate Exhibitions and Events, European Space Agency - ESA, Paris, France

TUE 05 / 9:00-17:45

WE 06 / 9:00-17:45

THU 07 / 14:30-15:45

Matteo Merzagora, Director, TRACES / Espace des Sciences Pierre-Gilles de Gennes, Paris, France, @happymmerz

THU 07 / 12:00-13:15

Agnes Meyer-Brandis, Artist, FFUR / Institute for Art and Subjective Science, Berlin, Germany

SAT 09 / 16:30-17:45

Ioannis Miaoulis, President and Director, Museum of Science, Boston, United States

SAT 09 / 16:30-17:45

Vanessa Mignan, Head of Education and Public Engagement, TRACES / Espace des Sciences Pierre-Gilles de Gennes, Paris, France, @GroupeTraces

WE 06 / 9:00-17:45

THU 07 / 14:30-15:45

THU 07 / 16:30-17:45

SAT 09 / 16:30-17:45

Ronen Mir, Director - Schwartz-Reisman Science Education Centers, Clore Garden of Science - Davidson Institute of Science Education, Rehovot, Israel

FRI 08 / 14:30-15:45

Marco Miranda, Interactive Exhibit Developer - Science Show Performer, Swiss Science Center Technorama, Winterthur, Switzerland

FRI 08 / 12:00-13:15

SAT 09 / 9:00-10:15

SAT 09 / 12:00-13:15

Yumi Miyahara, Curator, National Museum of Emerging Science and Innovation (Miraikan), Tokyo, Japan

FRI 08 / 17:00-17:45

Uwe Moldrzyk, Head of Exhibitions, Museum für Naturkunde, Berlin, Germany

SAT 09 / 9:00-10:15

SAT 09 / 14:30-15:45

Ines Montalvao, exhibition developer / content designer, Heureka - The Finnish Science Centre, Vantaa, Finland

WE 06 / 9:00-17:45

THU 07 / 14:30-15:45

SAT 09 / 9:00-10:15

Jacinta Moons, Programmanager Science, Museum, The Hague, The Netherlands

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

SAT 09 / 14:30-15:45

Lizzy Moriarty, Audience Engagement Advisor, Lizzy Moriarty, London, United Kingdom

FRI 08 / 14:30-15:45

SAT 09 / 14:30-15:45

Joana Moscoso, Co-founder and director, Native Scientist, London, United Kingdom

THU 07 / 12:00-13:15

Gioia Mosler, Outreach and Learning Manager, Queen Mary University of London, London, United Kingdom

THU 07 / 12:00-13:15

SAT 09 / 9:00-10:15

Marc Moutin, Exhibitions, Shows and Development Director, Cité de l'espace, Toulouse, France

WE 06 / 9:00-17:45

TUE 05 / 9:00-17:45

Massa Mufti-Hamwi, Education Management Consultant, Massar Discovery Centres in Syria, Damascus, Syria, SAT 09 / 9:00-10:15

Herbert Munder, Ecsite President / General Manager, Universum Bremen, Germany

THU 07 / 9:45-11:00

FRI 08 / 9:00-10:15

Ricardo Mutuberria, Consultant, Curator & Project Manager, ricardomutuberria.com, Barcelona, Spain

SAT 09 / 14:30-15:45

Mikko Myllykoski, Experience Director, Heureka - The Finnish Science Centre, Vantaa, Finland, @MikkoMyl

FRI 08 / 12:00-13:15

FRI 08 / 14:30-15:45

SAT 09 / 12:00-13:15

SAT 09 / 16:30-17:45

Alina Natmessnig, Projectmanager, Science Center Netzwerk, Vienna, Austria

FRI 08 / 9:00-10:15

SAT 09 / 9:00-10:15

Oshrit Navon-Man, Head of Science Program of Classes, Clore Garden of Science - Davidson Institute of Science

Education, Rehovot, Israel

FRI 08 / 14:30-15:45

Ricardo Nemirovsky, Professor, Manchester Metropolitan University, Manchester, United Kingdom

FRI 08 / 14:30-15:45

Jessica Norberto Rocha, Science communicator, Fundação CECIERJ, Rio de Janeiro, Brazil

SAT 09 / 12:00-13:15

Ana Noronha, Executive Director of Ciência Viva, Pavilion of Knowledge (Pavilhão do Conhecimento) - Centro Ciência Viva, Lisbon, Portugal

TUE 05 / 9:00-17:45

WE 06 / 9:00-17:45

THU 07 / 14:30-15:45

FRI 08 / 14:30-15:45

Audrey O'Connell, Museum Consulting, Audrey O'Connell + Associates, Seattle, United States

THU 07 / 12:00-13:15

THU 07 / 14:30-15:45

THU 07 / 16:30-17:45

FRI 08 / 14:30-15:45

Lisa O'Keefe, Director, Partner Development, GES Events, New York, United States

THU 07 / 14:30-15:45

Maarten Okkensen, Head of Communications, Museum, The Hague, The Netherlands

TUE 05 / 9:00-17:45

FRI 08 / 12:00-13:15

SAT 09 / 9:00-10:15

SAT 09 / 12:00-13:15

SAT 09 / 14:30-15:45

Cristina Olivotto, Co-founder, Onl'Fait, Geneva, Switzerland

THU 07 / 12:00-13:15

SAT 09 / 16:30-17:45

Tuomas Oikku, Head of Sales and Marketing, Heureka - The Finnish Science Centre, Vantaa, Finland

SAT 09 / 14:30-15:45

Anna Omedes, Director, Museu de Ciències Naturals de Barcelona, Barcelona, Spain, @AOmedesR

FRI 08 / 14:30-15:45

D

Cristina Paca, Project Assistant, Ecsite, Brussels, Belgium

FRI 08 / 14:30-15:45

Giovanna Pacini, post PhD, University of Florence, Florence, Italy

THU 07 / 14:30-15:45

Vesna Pajić, Project Manager, Ustanova Hiša eksperimentov, Ljubljana, Slovenia

FRI 08 / 14:30-15:45

SAT 09 / 14:30-15:45

Carole Paleco, Responsible for European projects, Royal Belgian Institute of Natural Sciences, Brussels, Belgium

WE 06 / 9:00-17:45

FRI 08 / 14:30-15:45

Stéphane Paltani, Professor, University of Geneva, Department of Astronomy, INTEGRAL Science Data Centre, Versoix, Switzerland

WE 06 / 9:00-17:45

Lars Paulsson, Curator/project manager, Tekniska Museet, Stockholm, Sweden

FRI 08 / 14:30-15:45

Mateusz Pawełczuk, Events Director, Copernicus Science Centre, Warsaw, Poland

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Ran Peleg, Curriculum Developer and Project Manager, Weizmann Institute of Science, Rehovot, Israel

FRI 08 / 9:00-10:15

SAT 09 / 9:00-10:15

Francesco Pepe, Astrophysicist and Principal Investigator of HARPS-N and ESPRESSO, University of Geneva, Department of Astronomy, Versoix, Switzerland

WE 06 / 9:00-17:45

Joao Pequeno, CERN Media Lab Team Leader, CERN, the European Laboratory for Particle Physics, Geneva, Switzerland

THU 07 / 12:00-13:15

Didier Perret, Executive director, Chîmiscope, Université de Genève, Geneva, Switzerland

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Nils Petter Hauan, Head of Development, VilVite, Bergen Vitensenter AS, Bergen, Norway

TUE 05 / 9:00-17:45

THU 07 / 14:30-15:45

FRI 08 / 9:00-10:15

Per-Edvin Persson, professor, Ecsite

Honorary Fellow Per-Edvin Persson, Helsingfors, Finland

FRI 08 / 17:00-17:45

Sami Pihkala, Exhibition producer, Heureka - The Finnish Science Centre, Vantaa, Finland

FRI 08 / 9:00-10:15

FRI 08 / 14:30-15:45

Claire Pillsbury, Program Director, Osher Fellowships, Exploratorium, San Francisco, United States

THU 07 / 12:00-13:15

SAT 09 / 16:30-17:45

María Jesús Pinazo, Medica Doctor, PhD, The Barcelona Institute for Global Health (ISGlobal) - Hospital Clinic, Barcelona, Spain

THU 07 / 14:30-15:45

Julia Pitts, Exhibition Project Leader and PhD Researcher, Science Museum Group, London, United Kingdom

THU 07 / 16:30-17:45

Pedro Pombo, Director, Fábrica Science Centre, Aveiro, Portugal

FRI 08 / 9:00-10:15

FRI 08 / 12:00-13:15

FRI 08 / 14:30-15:45

SAT 09 / 12:00-13:15

Antoine Pommerol, Space Research & Planetary Sciences, University of Bern, Physics Institute, Bern, Switzerland

WE 06 / 9:00-17:45

Marianne Pouget, Deputy director, Cap Sciences, Bordeaux, France

THU 07 / 14:30-15:45

FRI 08 / 9:00-10:15

FRI 08 / 14:30-15:45

Michelle Price, Head of Science, Conservatory and Botanical Garden of the City of Geneva, Geneva, Switzerland

WE 06 / 9:00-17:45

Ines Prieto, Head of International and Institutional Affairs, Cité de l'espace, Toulouse, France

TUE 05 / 9:00-17:45

Silvia Prock, Head of Junge Uni, Children's University of the University of Innsbruck, Innsbruck, Austria

THU 07 / 12:00-13:15

Anne Prugnon, Museographer, Banque de

France - DMCEM, Paris, France

THU 07 / 16:30-17:45

Elizabeth Rasekoala, President, African Gong- the Pan-African Network for the Popularisation of Science & Technology, and Science Communication, South Africa

WE 06 / 9:00-17:45

Tor-Inge Rasmussen, Head Teacher technology, scienceshow and astronomy, Sciencecenter South Norway, Arendal, Norway

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Elin Ravndal Bell, Marketing Manager, Jaermuseet, Nærbo, Norway

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Carrie Reid, Director of Sales, Flying Fish Exhibits, Minneapolis, United States

THU 07 / 14:30-15:45

Olivier Retout, Director, Lascaux III project, Conseil Général de Dordogne, Périgueux, France

THU 07 / 16:30-17:45

Melissa Richard, ICT explainer, universcience, Paris, France

TUE 05 / 9:00-17:45

WE 06 / 9:00-17:45

FRI 08 / 9:00-10:15

Anna Riethus, Scientific assistant, Stiftung Neanderthal Museum, Mettmann, Germany

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Elin Roberts, Head of Public Engagement, International Centre for Life, Newcastle upon Tyne, United Kingdom, @elinoroberts

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Cybèle Robichaud, Director, Programming, Montréal Science Centre, Montreal, Canada

SAT 09 / 16:30-17:45

Joseph Roche, Astrophysicist and Assistant Professor in Science Education, Science Gallery, Trinity College, Dublin, Ireland, @joeboating

SAT 09 / 16:30-17:45

Andres Roldan, Executive Director, Parque Explora, Medellín, Colombia

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Daniel Rosqvist, Science Center Manager, Tekniska museet, Stockholm, Sweden

FRI 08 / 9:00-10:15

FRI 08 / 12:00-13:15

FRI 08 / 14:30-15:45

FRI 08 / 17:00-17:45

SAT 09 / 12:00-13:15

Petra Rotthoff, Director of Exhibitions, Museumspartner GmbH, Innsbruck, Austria

THU 07 / 14:30-15:45

Christina Rühlmann, Head of Communications, Archimedes Exhibitions, Berlin, Germany

SAT 09 / 14:30-15:45

Ian Russell, Director, Ian Russell Interactives, High Peak, Derbyshire, United Kingdom

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Pedro Russo, Assistant Professor Astronomy & Society, Leiden University, Leiden, The Netherlands

SAT 09 / 16:30-17:45

Agnes Ruiz, Director of Sales, Europe + Middle East, Imagine exhibitions, Paris, France, @agnessonR

THU 07 / 16:30-17:45

Shireen Sabanegh, Deputy Director, The Children's Museum Jordan, Amman, Jordan, @ssabanegh

SAT 09 / 9:00-10:15

SAT 09 / 14:30-15:45

May Sabbah, Educator, Science Centre Immaginario Scientifico, Trieste, Italy

FRI 08 / 14:30-15:45

Soraia Salvador, Exhibition Partnerships Manager, Natural History Museum, London, United Kingdom

THU 07 / 12:00-13:15

Emma Sanders, Head of CERN's Microcosm exhibition, CERN, the European Laboratory for Particle Physics, Geneva, Switzerland

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Adam Sanders, Director, SES, Dorking, United Kingdom

THU 07 / 14:30-15:45

Alessio Scabaro, Scientific Director, Gruppo PLEIADI, Padua, Italy

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Lynn Scarff, Director, Science Gallery, Trinity College, Dublin, Ireland

FRI 08 / 9:00-10:15

FRI 08 / 9:00-10:15

Anna Schaefer, Curator of Education, Stiftung Preußischer Kulturbesitz, Berlin, Germany, @aks1501

SAT 09 / 16:30-17:45

Steven Schaeken, Director, NorthernLight Design, Amsterdam, The Netherlands, @northernlightnl

SAT 09 / 14:30-15:45

Roy Schedler, Head of Marketing and Partnerships, Swiss Science Center Technorama, Winterthur, Switzerland

THU 07 / 14:30-15:45

FRI 08 / 12:00-13:15

Juanita Schläpfer-Miller, Science Communication Specialist, ETH Zürich, Plant Science Center, Zurich, Switzerland

FRI 08 / 14:30-15:45

SAT 09 / 9:00-10:15

Roy Schedler, Head of Marketing and Partnerships, Swiss Science Center Technorama, Winterthur, Switzerland

TUE 05 / 9:00-17:45

Claudia Schleyer, Consultant for Interactive Exhibits, Claudia Schleyer, Berlin, Germany

THU 07 / 12:00-13:15

Jantien Schuijjer, Junior Researcher Responsible Research and Innovation, Athena Institute (Vrije Universiteit Amsterdam), Amsterdam, The Netherlands

FRI 08 / 14:30-15:45

Heidrun Schulze, Project Manager, Science Center Netzwerk, Vienna, Austria

SAT 09 / 14:30-15:45

Annemarie Schumacher Dimech, Health Psychologist and Co-Founder, Women's Brain Project, Zurich, Switzerland

THU 07 / 12:00-13:15

Guido Schwarz, Communication and Outreach, University of Bern, NCCR PlanetS, Bern, Switzerland

TUE 05 / 9:00-17:45

John Sear, Game Designer, Museum Games, Birmingham, United Kingdom, @MrJohnSear

FRI 08 / 17:00-17:45

Henrik Sell, Deputy Director, Natural History Museum Aarhus, Aarhus, Denmark

WE 06 / 9:00-17:45

SAT 09 / 9:00-10:15

Emilio Sheikhan, CEO, Megalodon Creations, Gothenburg, Sweden

THU 07 / 14:30-15:45

Roy Schedler, Head Marketing and Partnerships, Swiss Science Center Technorama, Winterthur, Switzerland

SAT 09 / 12:00-13:15

Heidrun Schulze, Project Manager, Science Center Netzwerk, Vienna, Austria

SAT 09 / 16:30-17:45

John Sear, Game Designer, Museum Games, Birmingham, United Kingdom, @MrJohnSear

TUE 05 / 9:00-17:45

Jo Sheppard, Projects Manager, Touring Exhibitions, Science Museum Group, London, United Kingdom

THU 07 / 12:00-13:15

Luca Simeone, project manager, Fondazione IDIS - Città della Scienza, Naples, Italy

FRI 08 / 12:00-13:15

SAT 09 / 12:00-13:15

Ian Simmons, Consultant, Science Centres International, Newcastle Upon Tyne, United Kingdom

THU 07 / 12:00-13:15

Silvia Singer, CEO and General Director, MIDE Museo Interactivo de Economía, Mexico City, Mexico

SAT 09 / 14:30-15:45

Lee Skolnick, FAIA, Principal, Lee H. Skolnick Architecture + Design Partnership, New York, United States, @LHSADP

FRI 08 / 14:30-15:45

Laura Smillie, Policy Analyst, European Commission, Brussels, Belgium

THU 07 / 16:30-17:45

Rannei Solbak Simonsen, Educator, Tekniska museet, Oslo, Norway

FRI 08 / 17:00-17:45

SAT 09 / 9:00-10:15

Astrid Sonnevill-Dings, Finance & Supply Chain expert, Independent Consultant Sustainability, Geneva, Switzerland

SAT 09 / 14:30-15:45

Cristina Soriano, Senior researcher, University of Geneva, Geneva, Switzerland

THU 07 / 16:30-17:45

Anna Starkey, Chief Creative Officer, We The Curious, Bristol, United Kingdom
FRI 08 / 12:00-13:15

Gallus Staubli, Head of Education & Knowledge Transfer, Museum of Communication, Bern, Switzerland
FRI 08 / 9:00-10:15

Walter Staveloz, Director International Relations, Association of Science-Technology Centers, Washington DC, United States
FRI 08 / 17:00-17:45

Norbert Steinhaus, Coordinator International Science Shop Contact Point, Wissenschaftsladen Bonn - Bonn Science Shop, Bonn, Germany
THU 07 / 14:30-15:45

Gerfried Stocker, Director, Ars Electronica Linz GmbH, Linz, Austria
SAT 09 / 14:30-15:45

Barbara Streicher, Executive Manager, Science Center Netzwerk, Vienna, Austria, @b_streicher
WE 06 / 9:00-17:45
SAT 09 / 9:00-10:15
SAT 09 / 14:30-15:45

Kai Håkon Sunde, Science coach, VilVite, Bergen Vitensenter AS, Bergen, Norway
FRI 08 / 12:00-13:15
SAT 09 / 12:00-13:15

Alex Susanna, CEO, Expona, Bolzano, Italy
THU 07 / 14:30-15:45
Martin Swift, Project Manager, UniSci / Visindasmiðjan, Reykjavík, Iceland
FRI 08 / 12:00-13:15
SAT 09 / 12:00-13:15

Maarten Taborsky, Project Director, Bruns BV, Bergeijk, The Netherlands
THU 07 / 12:00-13:15

Tori Tasker, Public Programmes Team Leader, National Space Centre, Leicester, United Kingdom
FRI 08 / 17:00-17:45

Xenia Theodotou Schneider, Managing Director, XPRO Consulting Limited, Nicosia, Cyprus
FRI 08 / 14:30-15:45

Pieter Tijtgat, Science Communicator, Odisee, Brussels, Belgium
FRI 08 / 14:30-15:45

Harri Toivonen, Cooperation Associate, CERN Ideasquare, CERN, the European Laboratory for Particle Physics, Geneva, Switzerland
FRI 08 / 12:00-13:15

Jonathan Toubeau, Science popularizer, Montpellier University / Service Culture Scientifique, Montpellier, France
FRI 08 / 12:00-13:15
SAT 09 / 12:00-13:15

Guillaume Trap, Scientific Director, Luxembourg Science Center, Differdange, Luxembourg
SAT 09 / 16:30-17:45

Peter Trevitt, Owner, Peter Trevitt Consulting, Cardiff, United Kingdom, @PeterTrevitt1
THU 07 / 14:30-15:45
FRI 08 / 9:00-10:15
SAT 09 / 9:00-10:15

Nicola Triscott, Artistic Director, Arts Catalyst, London, United Kingdom
SAT 09 / 16:30-17:45

Caroline Turre, International Affairs Officer, universcience, Paris, France
THU 07 / 16:30-17:45

Tuuli Utriainen, Fellow, Cosmic collaboration enabler, CERN, the European Laboratory for Particle Physics, Geneva, Switzerland
FRI 08 / 12:00-13:15
SAT 09 / 12:00-13:15

Bruna Valettini, Acquario di Genova, Genoa, Italy
FRI 08 / 14:30-15:45

Marjolein van Breemen, Head of Learning & Research, NEMO Science Museum, Amsterdam, The Netherlands, @M_van_Breemen
FRI 08 / 12:00-13:15
SAT 09 / 9:00-10:15
SAT 09 / 12:00-13:15

Bart Van de Laar, Head of department, Science LinX - University of Groningen, Groningen, The Netherlands
THU 07 / 12:00-13:15

Barry Van Deman, President & CEO, Museum of Life and Science, Durham, United States

SAT 09 / 14:30-15:45
 Marie-Christine Van der Sman, Director, Museon, The Hague, The Netherlands
FRI 08 / 12:00-13:15
SAT 09 / 12:00-13:15

Marjelle van Hoorn, Head of science education & Chair of REV, Universiteitsmuseum, Utrecht, The Netherlands, @sciencemuseums
TUE 05 / 9:00-17:45
THU 07 / 14:30-15:45
FRI 08 / 17:00-17:45

Meie van Laar, senior project manager education, Science Learning Center, NEMO Science Museum, Amsterdam, The Netherlands, @meiegeerlings
THU 07 / 14:30-15:45
FRI 08 / 9:00-10:15

Rosalía Vargas, President, Pavilion of Knowledge (Pavilhão do Conhecimento) - Centro Ciência Viva, Lisbon, Portugal
THU 07 / 16:30-17:45

Dorothee Vatinel, Curator, universcience, Paris France
SAT 09 / 9:00-10:15

Dean Veall, Learning and Access Officer, Grant Museum of Zoology, UCL Culture, London, United Kingdom, @deanveall
SAT 09 / 14:30-15:45

Dubravka Vejanović, Expert Associate at Center for the Promotion of Science, Centar za promociju nauke, Belgrade, Serbia
THU 07 / 12:00-13:15

Ingeborg Veldman, Project Leader Science LinX, Science LinX - University of Groningen, Groningen, The Netherlands
FRI 08 / 14:30-15:45

Patricia Verheyden, Consultant, Patricia Verheyden Consulting, Vilvoorde, Belgium
FRI 08 / 9:00-10:15
FRI 08 / 12:00-13:15
SAT 09 / 16:30-17:45

Luka Vidic, Research Editor, Ustanova Hisa eksperimentov, Ljubljana, Slovenia
FRI 08 / 14:30-15:45

Wolfgang Viesser, Education Coordinator, ESO European Southern Observatory, Garching bei München, Germany
TUE 05 / 9:00-17:45

Friso Visser, Education and Exhibitions / Deputy Director, Museon, The Hague, The Netherlands, @frisovisser

THU 07 / 12:00-13:15
Vlasta Volak, CEO, Techmania Science Center, Pilsen, Czech Republic
FRI 08 / 9:00-10:15

Nader Wahbeh, Science Studio Director, A. M. Qattan Foundation, Ramallah, Palestine

Jennifer Wallace, Director, Museum Partnerships, National Geographic Museum, Washington DC, United States
THU 07 / 12:00-13:15
SAT 09 / 9:00-10:15

Juliette Walma van der Molen, Professor and Director of Research Center on Science Education and Talent Development, University of Twente, Enschede, The Netherlands
FRI 08 / 12:00-13:15

Hélène Wang, Export Marketing Manager, universcience, Paris, France
THU 07 / 12:00-13:15

Astrid Wara, educator, Nordnorsk vitensenter, Tromsø, Norway
FRI 08 / 12:00-13:15
SAT 09 / 12:00-13:15

Peter Wardrip, Assistant Professor of STEAM Education, University of Wisconsin, Madison, United States
FRI 08 / 9:00-10:15
FRI 08 / 17:00-17:45

Markus Weißkopf, President, Eusea - European Science Events Association, Berlin, Germany, @m_weisskopf
SAT 09 / 16:30-17:45

David Wilkinson, Active Senior, European Commission, Joint Research Centre, Brussels, Belgium
THU 07 / 16:30-17:45

Mark Winterbottom, Senior Lecturer in Education, Faculty of Education, Cambridge University, Cambridge, United Kingdom
SAT 09 / 9:00-10:15

Sophie Wisbrun-Overakker, Sustainable Business Catalyst, Doing Business Doing Good, Geneva, Switzerland
SAT 09 / 14:30-15:45

Julia Woithe, S'Cool LAB Manager, CERN, the European Laboratory for Particle

Physics, Geneva Switzerland

TUE 05 / 9:00-17:45
 Benedicte Wolff, Retail manager, VilVite, Bergen Vitensenter AS, Bergen, Norway
TUE 05 / 9:00-17:45

Melanie Wunsch, Exhibition Manager, Stiftung Neanderthal Museum, Mettmann, Germany
THU 07 / 12:00-13:15

Maria Xanthoudaki, Director of Education and of the Centre of Research in Informal Learning, Museo Nazionale della Scienza e della Tecnologia 'Leonardo da Vinci', Milan, Italy
THU 07 / 16:30-17:45
SAT 09 / 14:30-15:45

Vivian Xu, Co-Founder, Dogma Lab, Shanghai, China
FRI 08 / 12:00-13:15
SAT 09 / 12:00-13:15

Malka Yayon, Chemistry Teacher and Trainer, Katzir High School and Weizmann Institute of Science, Rehovot, Israel
FRI 08 / 9:00-10:15

Dong Zhang, CEO, BroadMesse International, Shanghai, China
THU 07 / 12:00-13:15

Maria Zolotonosa, Senior Project Manager, Sparks project coordinator, Ecsite, Brussels, Belgium
TUE 05 / 9:00-17:45
FRI 08 / 9:00-10:15
FRI 08 / 14:30-15:45
FRI 08 / 17:00-17:45

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Business Bistro

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- 9 Technische Sammlungen Dresden
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- 42 Musealia
- 43 American Museum of Natural History
- 44 Sky-Skan
- 45 Exporabbit
- 46 Science Museum Group
- 47 FLEXHIBIT
- 48 eliya
- 49 Interspectral
- 50 YIPP
- 51 Natural History Museum of Toulouse
- 52 10lab / Sardegna Ricerche
- 53 Renko Ltd.



1 Heureka Overseas Productions Ltd

Heureka, the Finnish Science Centre creates world-class exhibitions and experiences for all. Since 1989, Heureka has produced 28 touring exhibitions. Our exhibitions have travelled to 28 countries and over 25 million people worldwide have seen them. On top of the travelling exhibitions we will enter the state-of-the-art edutainment world with a full offering of all science centre-related services from consulting to copies and internet-based sales to science at the mall.

For further information please contact Heureka Overseas Productions Ltd. hop@heureka.fi and see www.heureka.fi/hop/



2 TMDExhibitions

TMDExhibitions is a modern exhibition design and development studio. We offer various technical and audiovisual solutions from planning and development to implementation and maintenance. Starting from 2009, we have delivered over 50 exhibitions and hundreds of interactive exhibits. Main clients include both museums and science centres in addition to various production companies and project teams in need of special technical solutions.



3 mapcards.net

Mapcards.net is a leading European company specialising in the production of 3D lenticular prints. It has the widest range of astronomy & science-related products available on the market. Thanks to unique software and technology, we can create True 3D products out of one single photograph or picture. Our 3D cards, magnets, bookmarks and rulers can be found not only in planetariums and science centres but also in natural history and technology museums, zoo shops, bookshops and aquariums. Besides our standard series, we also create products on demand.



4 European Environment Agency

The European Environment Agency – EEA – is the EU body set up to provide independent, reliable and comparable environmental information for decision-makers and the public. Our information aims to help the European Community and Agency member countries and other stakeholders make informed decisions on improving the environment and move towards sustainability. In our work we cooperate closely with national environmental bodies, organised in the European Environmental Observation and Information Network – Eionet.



5 The Natural History Museum

The Natural History Museum is a world-leading scientific research centre and one of the United Kingdom's most popular visitor attractions, with more than 5.5 million people enjoying its galleries, exhibitions, events and education programmes every year. The breadth and depth of the Museum Collection makes it the most important of its kind in the world: 80 million plants, animals, fossils, rocks and minerals spanning 4.6 billion years of history. The Museum has been using this Collection to build the scientific understanding of the natural world for more than 250 years.



6 | 7 European Commission - Marie Skłodowska-Curie Actions

The Marie Skłodowska-Curie Actions (MSCA) support excellent researchers at all stages of their careers from all areas of science and from all corners of the world. Any institution can apply including NGOs, foundations, museums, associations or research centres, for instance. Over 110,000 fellows have benefitted from the MSCA – be they doctoral candidates or more experienced researchers. Our researchers on site will demonstrate their projects and provide valuable advice on how to have a successful career in research. Join us at the booths 6 and 7 and become a researcher for a day!



8 Copernicus Science Centre

Copernicus Science Centre conducts modern science communication through interactive exhibitions, shows and workshops on scientific themes, debates and discussions as well as activities from the borderland of science and art. It also builds exhibits, applying authorial technological solutions thanks to which physical phenomena are presented with precision and the exhibits themselves are simple to operate and use. The mission of the Centre is to inspire curiosity, assist the independent discovery of the world, help learning and inspire social dialogue on science. We value science, freedom, responsibility, trust and cooperation. Please visit us at our stand and discover our catalogue of exhibits available for purchase.



9 Technische Sammlungen Dresden

You are invited to tinker with "smart materials" in our mobile laboratory! Let's build animated creatures with shape memory alloys and dip into a discussion about what those materials are and what we can do with them. The lab is one of many formats of the R&D project "smart materials satellites". With this interdisciplinary project, methods of design, artistic research and interactive dialogue formats are being explored in order to create new ways of technology communication. Partners: Technische Sammlungen Dresden, weißensee academy of art, Bauhaus Dessau Foundation, Fraunhofer IWU, SYN Foundation.



10 E-Virtuality

The company has acquired an expertise in Virtual and Augmented Reality through selected partnerships, and provides its clients with the best equipment and film productions. We were committed to making the alliance between the best high-fidelity 6DOF technology and the ultimate 360° movie production. Merging innovative content with dynamic seats leads to the best immersive experience ever. Using unique engineering, we need neither electrical actuators nor platforms. Using motion capture recorders, we reproduce the perfect synchronisation between the movie and the movement. What you see is what you feel.



11 Expona

In developing exhibitions, we collaborate with leading museums, collections and experts worldwide. We have delivered exhibitions to museums and exhibitions-centres in more than 20 countries in 4 different continents.



12 SPL Lascaux International Exhibition

An exclusive French production, this emotional and interactive exhibition gives visitors a unique opportunity to discover full-scale replicas of the most beautiful prehistoric cave and learn how our common ancestor Cro Magnon lived 200 centuries ago. Geology, mineralogy, archaeology, prehistory, anthropology, ethnology, zoology, Botany, art history, aesthetics, philosophy...the meaning of Lascaux remains a fascinating scientific quest. AFSP is the workshop that created the superb Lascaux facsimiles and is now ready for any other museum challenge!



13 | 14 Science Projects

Science Projects is a non-profit organisation that specialises in interactive exhibits. Its highly regarded 'Design & Build' service has been operational for over 30 years and is known internationally for its quality and innovation. Core to the charity's operations is its science centre. The Observatory Science Centre is located on a historic site in southeast England providing a busy programme of events and outreach amongst its 100+ interactive exhibits. Science Projects also has interactive travelling exhibitions available for hire on subjects from Art to Materials.

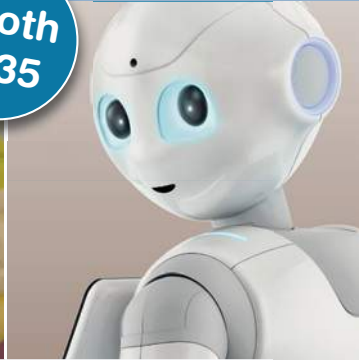


We are swiss...

ScienceXplorer



Booth
n° 35



Science for kids
Swiss Edutainment Center



www.kindercity.ch

Engage for STEM
Network through Switzerland



www.sciencity.ch

Humanoid Robolution
Atelier & Museum Guidance



www.avatarion.ch

15 Universcience

Being a centre of excellence for scientific culture, universcience aims to develop science and technology awareness, encourage vocations and foster innovation. It plays an active role in initiatives for science in society through cooperation, travelling exhibitions and consultancy. Universcience travelling exhibitions cover a wide range of engaging topics. We are now touring: Cats & Dogs, Darwin the Original, Bon Appetit, Special Effects, Pasteur the experimenter, Cold and a lot more. Currently under development: Microbiote, Cabins...

universcience

16 AGT EUROEVENTS Ltd.

AGT presents two touring exhibitions. "The Hi-Tech Inventions of Ancient Greece" is an exhibition with over 54 exhibits and 170 deco-info panels and audiovisual material from the Kotsanas Museum of Ancient Greek Technology in Katakolo and Athens. The "Eureka, Archimedes and his Time" exhibition features more than 60 different inventions by Archimedes and his contemporaries, presented together with rich audiovisual material (in Greek and English). The Archimedes collection is part of the unique worldwide Archimedes Museum in Olympia, Greece.



17 Hüttinger Interactive Exhibitions

Hüttinger is a one-stop shop for exhibition planning, design and fabrication, working for clients on an international scale. We develop environments that promote exploration and understanding through multi-sensory experience. Our preferred method of working is the design-and-build approach. This, together with a large in-house capacity, enables us to plan and provide turnkey solutions within a single project cycle. Where the design-and-build approach is not the preferred option, we are happy to work as designers or fabricators, bidding separately for the different project phases.



21 Ecsite

Ecsite is more than a conference. Discover what the European network of science centres & museums is up to on the 360 other days of the year and how we can collaborate. Meet Ecsite staff at each coffee break. Hear about European projects and networking, advocacy and international relations, publications and training.



22 Natural History Museum of Geneva

The Natural History Museum of Geneva is a scientific and cultural innovator with an international reputation, lying right at the heart of society and its development. Generating new knowledge about the natural world and its diversity, and encouraging new ways of thinking, the Museum is a key scientific and cultural player at all levels, locally and globally. The Museum offers researchers and members of the public alike new resources and experiences in the realms of science, history of science and information technology, along with opportunities for stimulating interaction and debate.



23 Bruns

Bruns started in 1963 as a specialist in model making and has become a strong family company with a leading position as manufacturer of innovative, interactive exhibits and complete exhibitions, including maintenance thereof. Bruns has emerged as an all-round multidisciplinary partner since it hosts all necessary fit-out disciplines in-house. Our contribution to projects is driven by an ambitious goal: to offer visitors a complete experience and maximum educational value. Bruns is a Gold Sponsor of the 2018 Ecsite conference

BRUNS

18 2019 Ecsite Conference

Experimentarium will be the host of next year's Ecsite Conference. All sessions will be taking place inside Experimentarium itself, in the former Tuborg Brewery, on 6-8 June 2019. As the Ecsite Conference celebrates its 30th edition, we invite the science engagement community to build on three decades of science communication and look ahead, challenging the boundaries of our field and practices. Pushing Boundaries is the theme of #Ecsite2019. Become inspired to walk down new and creative paths together and push our own boundaries for science communication. Enjoy Copenhagen, discover the concept of 'hygge' and experience Danish design and Denmark from within.



19 Megalodon Creations

Megalodon Creations is specialised in creating high-quality, customised, large-scale exhibitions for rent or sale. We have close collaborations with scientists, engineers and artists, making the exhibitions scientifically correct, safe and visually pleasing for the audience. Through our extensive experience, comprehensive knowledge and passion for perfection, we can serve all your needs, creating the exhibition you desire. Megalodon Creations - Adding life to dreams.

**MEGALODON
CREATIONS**

20 ROBETOY AB

At Robetoy we are always working to keep our museum assortment up to date. In our webshop you will find the latest toys, as well as classics, suitable for science centres, historical museums and aquariums. Short history of Robetoy: Robetoy was founded 1950 by my grandfather Robert Holmgren and today we are 17 employees doing our best to support museums and toy shops with toys and gifts. Robetoy is located just outside Gothenburg, Sweden, in a little town called Partille.

ROBETOY
TOYS AND GIFTS



YIPP

WE MAKE IT
BEAUTIFUL.COOL.WORK

Digital experiences for screens and spaces
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COME SEE US AT BOOTH 50!

We build concepts and exhibits that engage and excites !

Turbo Tape Games is one of the most experienced and biggest exhibit and game produces in Norway, with soon 50 successful projects.

We are master storytellers that combine our love for technology, entertainment and education. We see games as not only a recreational activity, but also a serious tool to strengthen learning through fun and engaging experiences. Our missions are founded in our beliefs and our desire to make a difference!



Visit us at Ecsite 2018 in Geneva on booth 26!
@turbotapegames

Picture of one of our last project, SmartNet, exhibits a society, how electricity is being produced and used.



24 Exhibits.nl

Exhibits.nl is a leading supplier of interactive exhibits, operating worldwide to the highest quality standards. Our exhibits are innovative, fun, educational and above all, of a world-class built quality. Exhibits.nl produces high-quality, innovative and interactive 'off-the-shelf' exhibits. The exhibits can be supplied in any colour. Most exhibits are plug and play, making them easy to install. Of course, we can arrange the installation and maintenance of the exhibits on location. Please check out details of over one hundred exhibits online at www.exhibits.nl. Exhibits.nl is a Gold Sponsor of the 2018 Ecsite conference.



25 EXPO Booking by Buster

An online booking and resource management system built with established science centres. Meeting the ever-changing and sometimes challenging booking environment of a progressive science centre, EXPO Booking has now handled over 60,000 reservations for more than 800,000 visitors. Since its launch in 2012, EXPO Booking has been continuously improved based on new ideas, changing demands and requirements from our users as well as more recent adopters. Expo Booking by Buster is a Gold Sponsor of the 2018 Ecsite conference.



26 Turbo Tape Games

Among the premier suppliers of installations and content for science learning installations in Norway for over 10 years, Turbo Tape Games has delivered over 40 projects to museums, science centres, schools, universities and other sectors. We work closely with our partners from early concept and synopsis, through design, development and deployment on a case-by-case basis. Turbo Tape Games also has a host of existing installations that can be delivered on licence as is, or tailored to fit a particular purpose, space or design. Turbo Tape Games is a Gold Sponsor of the 2018 Ecsite conference.



27 Imagine Exhibitions, Inc.

Imagine Exhibitions is currently producing over 30 unique exhibitions globally in museums, science centres, aquariums, integrated resorts, and non-traditional venues, with millions of people around the world visiting our exhibitions each year. In addition to developing successful travelling exhibitions, we design, open, and operate permanent installations and venues, and we consult on building, expanding, and directing museums and attractions. Imagine Exhibitions is a Gold Sponsor of the 2018 Ecsite conference.



28 Effektschmiede GmbH

Effektschmiede works with natural physical phenomena. We conceive and create installations for science centres, gardens and parks and public spaces. As an experience factory, our work is about inspiring astonishment and inviting people to dream. We play with fire and water, light and mist, voltage and energy. All installations comply with the highest technical standards, are tailor-made for the space or room and all are individually planned and conceived by Judith Mann and her team.



29 GES Exhibitions

GES Exhibitions brand, which is owned by GES Technology, has reached millions of people with mobile exhibitions opened and produced throughout the world. We also carry out studies with Research Centres abroad. The Interstellar Space Exhibition and Rediscover CERN, Mysterious Journey of Particles Exhibition, New World Exhibition, and Science of the Movies are among the leading exhibitions of the company. GES Technology pioneers investments in the country in order to meet the public with the public and to promote scientific thinking.



30

Lunar & Space Exhibitions

A unique and historical exhibition about the Apollo moon landings with over 500 authentic and museum piece Space exhibits which have all been signed and documented by the astronauts who flew these breath-taking missions. Very well structured in a chronological order from the early Mercury flights through the Gemini missions to Apollo and the Moon landings. Emphasis is placed on education for an audience of all ages. A presentation and overview of the exhibition can be emailed. This exhibition is one of its kind and has never been shown in such detail before.



LUNAR & SPACE EXHIBITIONS
The Story of the Apollo Moon Landings

31

Archimedes Exhibitions

Archimedes Exhibitions designs multisensual experiences in three-dimensional space. For this, we develop and realise interactive experience platforms and exhibits, scenographies, and exhibitions that appeal to all five senses. Our customers include science centres, international companies, museums, research institutions all over the world, and even the German Parliament. Archimedes develops location-based shows but also tours its exhibitions across the globe. Archimedes is a Gold Sponsor of the 2018 Ecsite conference.



32

MuseumsPartner

MuseumsPartner is a leading provider of international museum travelling exhibitions. Our turnkey travelling exhibitions, such as Stonehenge, The Vikings, Pharaoh, Pyramids, Ötzi-The Iceman, Early Celts, Gapu Monuk, Vodou, Dinosaurs and The Mayas, create unique and fascinating visitor experiences and have already been seen by millions of visitors all over the world. We combine our extensive experience in international fine art transport, art handling and exhibition design with the latest scientific research of world-renowned partner museums to create high-quality travelling exhibitions. We provide full services to our partners and offer smart solutions to the challenges of project management, logistics and financial management.



37

MCW / creative agency

Everyone has a story to tell; not only industries and brands, but museums and other institutions as well. At MCW we combine film, audio, web, design and interactives to tell complex stories as clearly and creatively as possible. For over twenty years we have been telling the most versatile stories for the most versatile clients. From interactive exhibits for museums to corporate movies, and from advanced online applications to animations; at MCW we have all knowledge, creativity and experience in-house to transform every production into an effective and impactful story.



38

Mindball

A new Mindball game is here! An amazing software and two headbands. Play using just your brain waves - no hands! Compete with your friend in being the most focused of the day! Get immediate feedback and understand how focus works.



39

Pavilion of Knowledge – Ciência Viva

The Pavilion of Knowledge – Ciência Viva is the largest and most popular science centre in Portugal, welcoming more than 700 visitors each day. It opened in 1999, with the aim to inspire and mobilise visitors in exploring the world through science and technology. Covering 3000 m2 and containing hundreds of interactive exhibits, it's possible to enjoy the meaning and power of science. In addition, there are professional programmes for educators and educational activities that spark curiosity and critical thinking among visitors, developing their foundational skills and contributing to an empowerment of citizenship based on scientific knowledge.



33 | 34

European Space Agency

Since 1975 ESA has been pooling the resources of its Member States and leading cooperation with other nations to build a European space capability, undertaking programmes & activities far beyond the scope of any single European country. ESA develops the launchers, spacecraft and ground facilities needed to keep Europe at the forefront of global space activities. Today, it launches satellites for Earth observation, navigation, telecommunications & astronomy, sends probes to the far reaches of the Solar System and cooperates in the human exploration of space. ESA has 22 Member States.



35

ScienceXplorer SA / ScienceXplorer Group

ScienceXplorer group engages in science and technology STEM opportunities. They develop and innovate exhibitions and have extensive knowledge in humanoid robotics. **Kindercity** / Discovering science playfully is the principle of our edutainment centres. Kindercity is situated in Zurich, Luzern, and very soon in Flims (2018) and Yverdon-les-Bains (2019). **Sciencity** / Our swiss association, where well known people engage with each other, with the aim to bring science and STEM closer to communities. **Avatarion Technology** / Avatarion is the Swiss pioneer in humanoid robotics. With its tailor-made applications, it breathes life into robots, for example NAO and Pepper, enabling them to interact with their environment. Thus they become intelligent helpers for guidance in museums and can be used to teach robotic programming in workshops. ScienceXplorer SA is a Gold Sponsor of the 2018 Ecsite conference.



36

Campus Biotech, CERN and University of Geneva

A multimedia screen and posters show the various exhibition and outreach activities at CERN. Virtual reality headsets offer visitors the chance to see the LHC accelerator, a detector and the Data Centre up close. The UNIGE presents how to turn a microscope into a collective vision instrument: A new tool for science outreach from the University of Geneva. In association with the Wyss Center, an interactive exhibition presents research at Campus Biotech. Visitors reveal hidden augmented reality neurotech in a bionic body by scanning markers on a volunteer. In VR, they can build a flexible brain probe and put their head inside a brain.



40 | 41

Museum of Science Boston United States

New England's most attended cultural institution, the Museum of Science, Boston annually introduces 1.5 million visitors to STEM education via interactive exhibits, programmes, and curriculum



42

Musealia

Our vision is to create emotionally interactive exhibitions, with the highest levels of scientific and historic rigour. To do so we rely on the best professionals and institutions in each field. Only by doing so can we create exhibitions we feel proud to tour around the world. The two exhibitions we have created in the past (Titanic and Human Bodies), and even more so our latest project (Auschwitz), recently opened, deal with issues that cover the whole range of the human experience, from aspiration to tragedy, from the miracle of life itself to the reality of suffering.



43

American Museum of Natural History

The American Museum of Natural History, founded in 1869, is a leading provider of engaging scientific content to partners around the world. In addition to a diverse catalogue of 7,000 square foot travelling exhibitions, the Museum produces a variety of planetarium shows, graphic panel exhibitions, HD videos, intellectual property, and other offerings drawn from our cutting-edge scientific research and world-class permanent collection. Presented at more than 250 venues in 44 countries on six continents, our content inspires intellectual curiosity and discovery while engaging visitors of all ages.



ROBOCASE

THE HOST OF YOUR COLLECTION

ROBOCASE creates a unique interaction between your audience and your objects while bringing their stories to life

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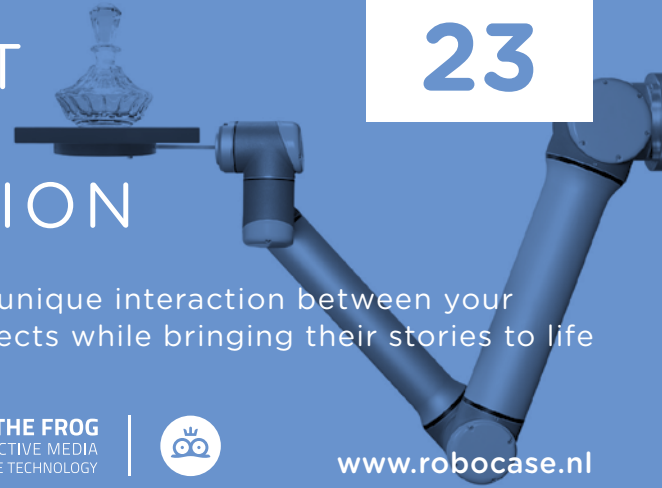
KISS THE FROG
INTERACTIVE MEDIA
CREATIVE TECHNOLOGY



www.robocase.nl

ecsite-booth

23



Exhibits.nl is a leading supplier of interactive exhibits, operating worldwide to the highest quality standards. Our exhibits are innovative, fun, educational and above all, of a world class built quality.



Exhibits.nl B.V. | RIJKSMONUMENT DE PLOEG | RIETHOVENSEDIJK 20 | 5571 CR BERGELJK | THE NETHERLANDS

T +31 (0)497 55 50 70 | E INFO@EXHIBITS.NL | W WWW.EXHIBITS.NL

44

Sky-Skan

Sky-Skan, an Ecsite Conference Sponsor since 2002, is a global leader offering innovative and multi-media products and services to communicate science using cutting-edge visualisation technologies. Today, using the largest collection of scientifically accurate data sets available, together with advanced multimedia presentation capabilities, Sky-Skan's Definiti® theaters and exhibitions immerse audiences in other worlds. With our Definiti hardware Systems and DigitalSky Dark Matter Software, audiences are transported from the smallest known particles to edge of the known universe. Please stop by our booth to say hello. Sky-Skan is a Gold Sponsor of the 2018 Ecsite conference.



45

Exporabbit

Exporabbit offers custom exhibition solutions for museums and science centres. We believe in the power of storytelling and immersive environmental design. Using these tools we enjoy creating full solutions starting with space design, creating the graphic style and building interactive exhibits that grow out of the concept of the exhibition.



46

Science Museum Group

The Group is comprised of the Science Museum in London, the National Museum of Science and Media in Bradford, the Museum of Science and Industry in Manchester and the National Railway Museum in York. Together, we share our unparalleled collection spanning science, technology, engineering, mathematics and medicine with over five million visitors each year. Our range of touring exhibitions include turnkey, curated collections and blueprint packs.

**SCIENCE
MUSEUM
GROUP**

47

FLEXHIBIT

As a Science Centre or a Children's Museum, you are invaluable to the community. Your organisation helps educate adults and kids alike across the many facets of STEM topics. However, to keep your audiences engaged, and to keep them coming back, you need to remain relevant. Flexibility and agility, when it comes to your exhibits, is paramount to achieving that goal. This is where FLEXHIBIT can be an instrumental partner. We design and build hands-on multi-user and multi-outcome modular exhibits - this allows you to keep your floor fresh and your visitors engaged.

FLEXHIBIT

48

eliya

We are a design studio located near the old art school in the downtown of Jerusalem. Planning and manufacturing outdoor musical exhibits, played through mechanisms and electronic sensors. The structures encourage users to play together and create music by their movement and interaction. The planning process in the studio is from a sketch to the final installation on site, and include shop drawing and production. The main materials used are stainless steel, ceramic, concrete and wood. All items are outdoor and vandal proof, in compliance with safety regulations.



49

Interspectral

Interspectral develops unique interactive learning experiences based on X-ray scans. Visit our booth to explore how the latest advances in visualisation technology have created a new paradigm of interactive 3D learning experiences at museums and science centres around the world. By using our intuitive Inside Explorer table, we will take you on a spectacular tour, guiding you through the inside of the human body, exotic animals, fossils, meteorites and mummies.





For over 50 years, Sky-Skan innovations have defined the immersive theater experience. We create award-winning technology and content for planetariums, science centers, attractions, and multidisciplinary installations across the globe.

Planetariums and more ...

Celebrating 50+ Years of service to the planetarium community, and 17 years as an Ecsite conference sponsor.

Come and visit us at booth #44



expo
BOOKING BY BUSTER



Want to know how other leading Science Centres manage school visits?

We have years of experience in streamlining booking, visitor and resource management for both small and large organisations.

Make a quick (or long) stop at booth #25 to learn more.

EXPO Booking
www.expobooking.info
Booth #25
at Business Bistro



50 YiPP

YiPP is a new media development company that combines cutting-edge technology, creative thinking and professional management to develop unique state of the art media. YiPP offers full service multimedia development from concept design to production and implementation. It combines strong management skills with a strong creative approach. In all our projects, action and interaction are key concepts. 'Gamification' and storytelling are the starting points for our multimedia, games, mobile apps and virtual reality applications. YiPP is a Gold Sponsor of the 2018 Ecsite conference.



51

Natural History Museum of Toulouse

The Natural History Museum of Toulouse curates more than 2 million specimens and is depository of more than 100,000 artifacts. Its exhibitions constitute a reference in the scientific community. Since 2011, the Natural History Museum of Toulouse has been developing its diverse catalogue of travelling exhibitions for hire to the international museum community. Our exhibitions may include animal specimens, freestanding display modules, fascinating photographs, hands-on exhibits, games, and multimedia and audiovisual equipment. Combining our expertise and high-quality exhibition design, our mission is to share and transmit knowledge about the world around us.



52

10lab / Sardegna Ricerche

10lab is the centre for the promotion of scientific knowledge and innovation created by Sardegna Ricerche, the Science and Technology Park of Sardinia. 10lab aims to foster dialogue between researchers, citizens and entrepreneurs, and encourages the development of creativity and the capacity to innovate in children, young people and adults. 10lab offers temporary exhibitions and Living Lab sessions, educational workshops and maker activities, events for family, entrepreneurs and the wider public. 10lab is located inside a natural park near Cagliari, the main city of Sardinia.



53

Renko Ltd.

Renko Ltd. develops and manufactures exhibits for science museums. The company is also engaged in designing and manufacturing experimentation equipment for physics laboratories.



“Let us support the drive to explore, to gain knowledge, and to confidently pursue our daring search into the unknown.”

— Fred Kavli, Founder, The Kavli Foundation

A proud sponsor of the
2018 Ecsite Annual Conference

The Kavli Foundation Keynote Lecture
Dr. James Beacham
Friday 8 June 2018, 10.30 - 11.30

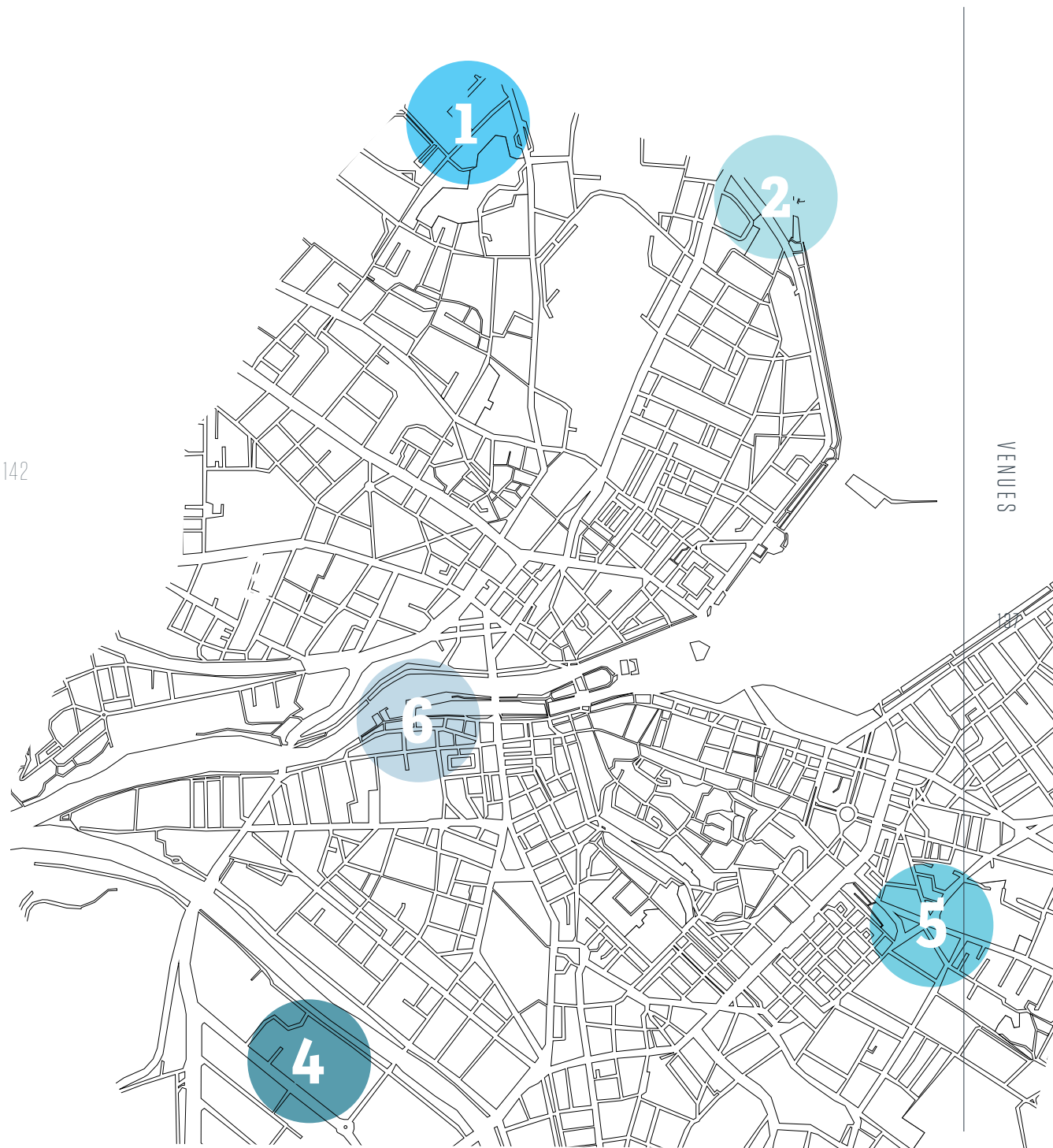
The Kavli Foundation is dedicated to advancing science for the benefit of humanity, promoting public understanding of scientific research, and supporting scientists and their work.

www.kavlifoundation.org

PRACTICAL INFO



CICG CONVENTION CENTRE / **1** / p. 138
HISTORY OF SCIENCE MUSEUM / **2** / p. 142
CERN / **3** / p. 144
LES VERNETS ICE RINK / **4** / p. 146
NATURAL HISTORY MUSEUM / **5** / p. 148
BFM / **6** / p. 150



CICG Convention Centre

PRE-CONFERENCE
CONFERENCE
BUSINESS BISTRO
NEWCOMERS' BREAKFAST
BREAKFAST WITH THE BOARD

How to get here

Plan your journey at www.tpg.ch/en

Public transport

From the airport, take bus 5 for "Thônex-Vallard" and get off at "Vermont". From the Cornavin train station, take bus 5 for "Aéroport" and get off at "Vermont" OR Take bus 8 for "OMS" and get off at "UIT" OR Take tram 15 for "Nations" and get off at "Nations"

Wifi

Username: ECSITE

Password: geneva2018

Taking place here

Most pre-conference workshops (5-6 June), see exceptions at the Natural History Museum of Geneva. All sessions and speeches of the main conference (7-9 June), the Business Bistro (7-9 June), the Newcomers' Breakfast (7 June, 8:00-09:30), Breakfast with the Board (for Ecsite members only, 8 June, 08:00-09:00)

CICG

Cultures mingle at the heart of Europe like nowhere else. Geneva is both "small among large cities" and a "capital city for peace", welcoming guests from all over the world. Every day in Geneva, major decisions are taken that affect the lives of thousands of people. We offer you an international city of human proportions, at the foot of mountains, on the edge of a lake: an idyllic setting for a congress or conference.

The International Conference Centre Geneva (CICG) is ideally situated, close to the Place des Nations, a few minutes from the international airport, major road networks, the railway station and international organisations. It is near Lake Geneva and the historic Old Town. The many hotels in the vicinity of the CICG offer first-class hospitality for guests and associates.

The CICG is the property of the Foundation for Buildings for International Organizations (FIPOI), a foundation co-directed by the Swiss Confederation and the Canton of Geneva. Our mission as a gateway to "International Geneva" has motivated us to provide a wide range of services of exceptional quality for local, national and international clients. Our pride in welcoming you to this multi-faceted city will add a touch of excellence to your stay.

Centre International de Conférences de Genève
17, rue de Varembe
CP 13
CH-1211 Geneva 20
Switzerland
www.cicg.ch

CICG CONVENTION CENTRE

Wifi
Username: ECSITE
Password: geneva2018

Centre International de Conférences de Genève
Rue de Varembe 17
CP 13
CH1211 Geneva 20
Switzerland
www.cicg.ch

FLOOR

3

Room
05

Room
06

MEETING ROOM 20
MEETING ROOM 19

2

Room
13

Motta
Space

UPLOAD ROOM (ROOM 11)

1

Room
01

REGISTRATION DESKS
RESTAURANT
TERRACE

0

Room
03

Room
04

Business
Bistro

DETAILS ON PAGE 121

ENTRANCE / EXIT
INFO DESK / POP UP OFFICE
CLOAKROOM / TOURIST INFO
CERN GUIDED TOURS INFO

-1

Room
15

Room
18

Maker
Space

Game
Lab

INFIRMARY

History of Science Museum

ANIMAL BEAUTY
EXHIBITION
OPENING

How to get there

Plan your journey at www.tpg.ch/en

Public transport

From the CICC, convention centre, take bus 1 or 28 at the "Nations" stop for "Jardin Botanique" and get off at the "Jardin Botanique" stop, then walk 5 min OR take tram 15 at the "Nations" stop for "Palettes" and get off at the "Maison de la Paix" or "Butini" stop, then walk 10 min. **From other places**, take bus 1 or 25 and get off at the "Perle du Lac" stop, then walk 3 min OR take tram 15 and get off at the "Butini" stop, then walk 10 min OR take bus 11 or 28 and get off at the "Jardin Botanique" stop, then walk 5 min. **By rail**, the History of Science Museum is 15 minutes on foot from "Cornavin" station, and 5 minutes from the "Genève-Sécheron" stop (local trains only).

Wifi

Select "ville-geneve" network and follow instructions (you need a mobile number in order to connect)

Taking place here

"Animal beauty" exhibition opening, (5 June, 18:30)

The History of Science Museum

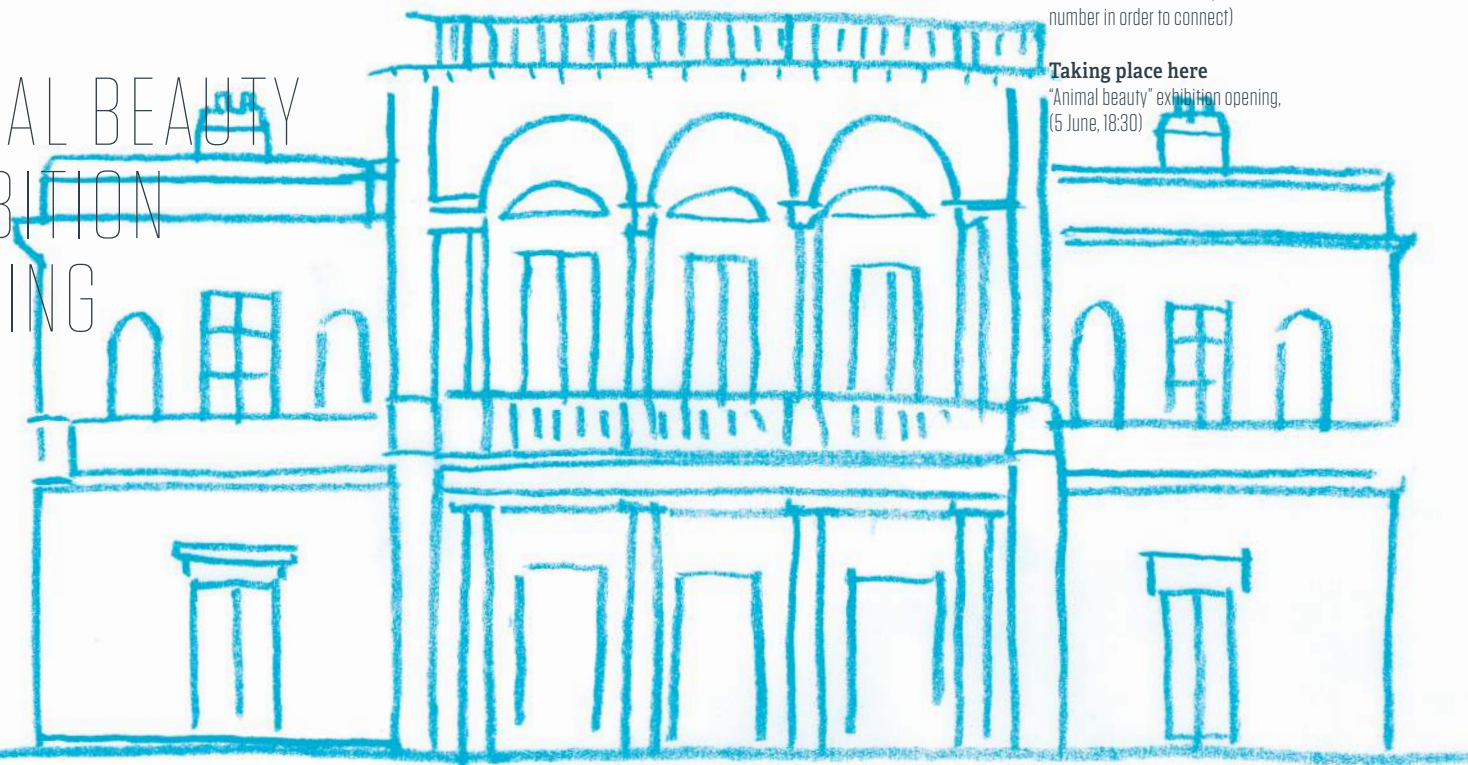
The Natural History Museum of Geneva is pleased to invite those participants who will be around on Tuesday 5 June to an exhibition opening at the History of Science Museum, the second museum venue it is running, located on the banks of Lake Geneva. The "Animal beauty - From taxidermy to sculptors" exhibition features François Chapelain-Midy, Yvan Larsen and Thierry Jaccoud.

Unique in Switzerland, the History of Science Museum houses a collection of early scientific instruments from the collections of Genevan naturalists of the 17th to 19th centuries (Saussure, Pictet, de la Rive, Colladon, etc.). The objects displayed in the different rooms of the permanent exhibition recount scientific breakthroughs, the history of Geneva, and the wider story of scientific knowledge and ideas. They put modern science into perspective and help us understand the evolution of techniques and disciplines such as astronomy, microscopy, genomics, electricity and meteorology.

As well as organising temporary exhibitions, and keeping the main display up to date, the Museum organises events to engage the public in discussion about science, including a biennial summer meeting, the Nuit de la Science, "Science cafés" and conferences.

The History of Science Museum occupies the Villa Bartholoni, an exceptional neoclassical jewel from 1830, located in the delightful Perle du Lac park set on the banks of Lake Geneva.

Parc de La Perle du Lac
28, rue de Lausanne
CH-1202 Geneva, Switzerland



CERN Globe of Science & Innovation

CERN Globe of Science & Innovation

The donation by the Swiss Confederation of the former "Palais de l'Equilibre", initially inaugurated as part of the Swiss national exhibition Expo.02 in Neuchâtel, has provided CERN with the opportunity to concentrate its communication activities around a building which has become emblematic of the organisation. Designed by architects H. Dessimoz and T. Büchi of Geneva, the Globe is as much a tribute to the Earth as a proof of the genius of man. A real showcase of the talents of Swiss carpenters, it has taken timber construction to a new level. The Globe at CERN has now become a symbol of sustainable development made possible by science and innovation.

How to get there

Plan your journey at www.tpg.ch/en

Public transport

From Geneva International Airport, first take a free public transport ticket from the machine you will find at the exit to the baggage collection hall, just before customs control. Then you can take bus Y for "CERN" and get off at the "CERN" stop opposite the large Globe and the CERN site or take bus 23 for "Garouge-Tours", 28 for "Petit-Lancy-Les Esserts" or 57 for "ZYMEYSA-Gare" and get off at "Blandonnet" and then catch tram 18, and get off at the final stop, "CERN". Approx. journey time: 30 min. Taxis, approximately CHF 35, to be found at the airport exit. **From the CICC convention centre**, for both the Speakers' reception and the special tours, a bus is foreseen from the CICC. Please refer to information received by email. If you need to make your own way: take bus 22 from "Vermont" for "Plan-les-Ouates, ZIPLD", get off at "Boucher" stop and change to tram 18 for "CERN" – get off at the final stop and you're there. Approx. journey time: 1 hour with a margin of security. **From the Natural History Museum**, take bus 5 for "Aéroport". Get off at "Place de Neuve" and change to tram 18 for "CERN" – get off at the final stop and you're there. Approx. journey time: 1 hour with a margin of security – if you are attending the pre-conference, make sure to leave as soon your workshop is over.

CERN is on the border between France and Switzerland and it has two official addresses, one French and one Swiss. You are more likely to arrive from the Swiss side, but you never know...

Taking place here

Speakers Reception (6 June, 18:30-19:30)
Special Tours (7 to 9 June)

For Switzerland

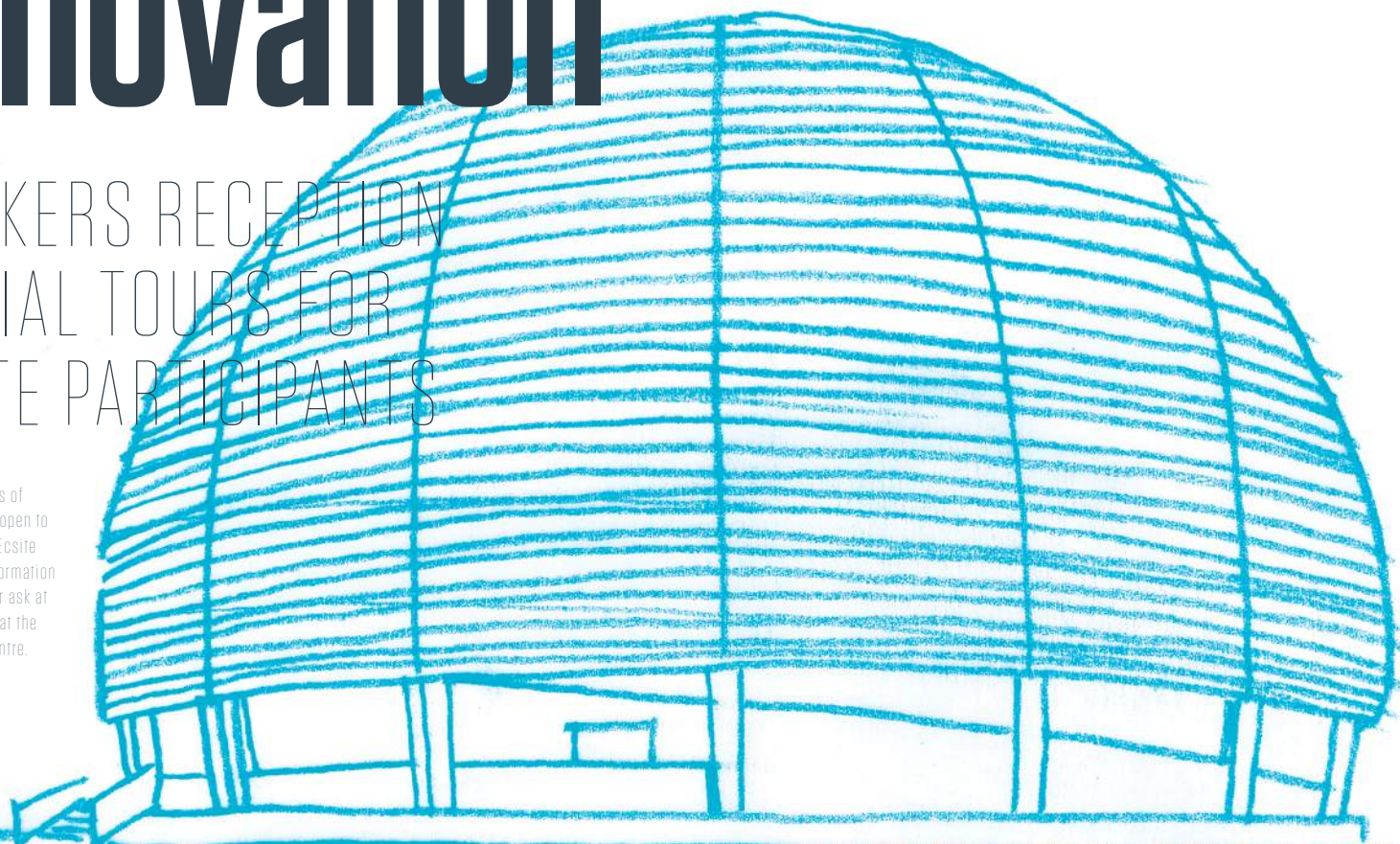
CERN
CH-1211 Geneva 23
Switzerland

For France

Organisation Européenne
pour la Recherche Nucléaire
F-01631 CERN Cedex
France

SPEAKERS RECEPTION
SPECIAL TOURS FOR
ECSITE PARTICIPANTS

For the special tours of CERN's public offer open to participants of the Ecsite conference, see information received by email or ask at the dedicated desk at the CICC Convention centre.



Les Vernets ice rink

GALA DINNER

How to get there

Plan your journey at www.tpg.ch/en

Public transport

From the CICC convention centre, take bus 11 at "Nations" stop for "Bout-du-Monde" and get off at the "Vernets" stop. Approx. journey time: 40 min with margin of security. From other places, take bus 11 and get off at the "Vernets" stop.

Wifi

Select "ville-geneve" network and follow instructions (you need a mobile number in order to connect)

Taking place here

Gala Dinner (7 June, 19:30-00:00)

[Patinoire des Vernets](#)

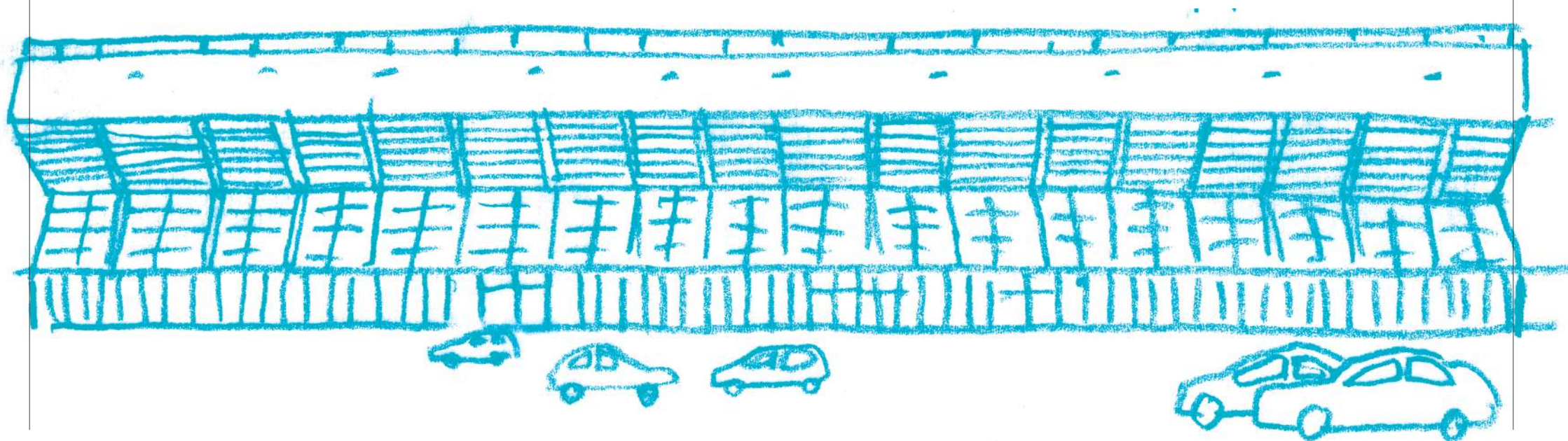
[4, rue Hans-Wilsdorf](#)

[CH-1227 Les Acacias, Switzerland](#)

Geneva ice skating rink "Les Vernets"

Built by the architects Albert Cingria, François Maurice and Jean Duret, the Geneva ice skating rink "Les Vernets" opened in 1958. Evolving throughout the years, this facility has become the home of "Genève-Servette Hockey Club", which is a member of the Swiss ice hockey elite.

It also accommodates the "Club des Patineurs de Genève" for artistic ice-skating and the youth ice hockey community. It serves mainly as a municipal ice skating rink that welcomes the public and hosts many events both on and off the ice. With 7,135 seats, it's the second largest facility of the canton in terms of capacity. Don't worry, there won't be any ice in June!



Natural History Museum

NOCTURNE +
SOME PRE-CONFERENCE
WORKSHOPS

How to get there

Plan your journey at www.tpg.ch/en

Public transport

From the CICC convention centre, take bus 5 at the "Vermont" stop for "Thônex-Vallard" and get off at the "Muséum" stop. Approx. journey time from CICC convention centre: 30 min.

From other places, take bus 5 or 25 and get off at "Muséum"; take bus 1 or 8 and get off at "Tranchées" or "Muséum"; take tram 12 and get off at "Villereuse".

Wifi

Select "ville-geneve" network and follow instructions (you need a mobile number in order to connect)

Taking place here

Two pre-conference workshops: "When faith and facts collide" and "Experience design in practice" (both on 6 June, 9:00-17:45), Nocturne (8 June, 20:00-00:00)

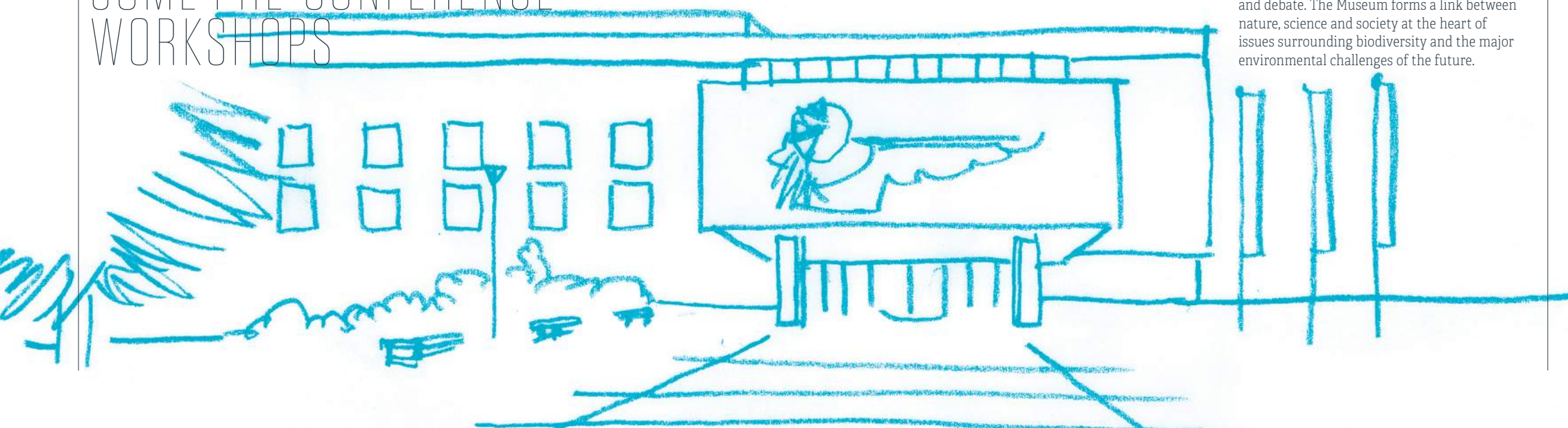
Muséum d'Histoire Naturelle
1, route de Malagnou
CH-1208 Geneva, Switzerland

Natural History Museum

The size and scope of the Natural History Museum, and the global significance of its collections, are a legacy of Genevan naturalists and savants with a passion for science over the last three centuries. It is an innovative scientific and cultural institution of international stature, firmly rooted at the heart of society and its development.

The first Natural History Museum in Geneva, known as the Musée Académique, was officially inaugurated on 9 March 1820. The collections kept growing, so those in charge needed to find premises with room for expansion. On 10 October 1872, a new 5,000m² Museum was inaugurated in one of the wings of the new University in Bastions Park. In 1966 a new building, created for the Museum by the architect Raymond Tschudin, opened at the current Malagnou site.

Through the acquisition of new scientific knowledge about the natural world and its diversity, and continual renewal and evolution of its discourse, the Museum affirms its position as a key scientific and cultural actor at all levels from local to global. It offers both its public and researchers new opportunities and experiences in the fields of science and history of science, providing information and enabling exchange and debate. The Museum forms a link between nature, science and society at the heart of issues surrounding biodiversity and the major environmental challenges of the future.



BFM Bâtiment des Forces Motrices

FAREWELL PARTY

How to get there

Plan your journey at www.tpg.ch/en

Public transport

Many lines stop at the "Bel-Air", "Palladium" and "Stand" stops, located very centrally.

Wifi

Select "ville-geneve" network and follow instructions (you need a mobile number in order to connect)

Taking place here

Farewell Party (9 June, 21:00 - 02:00)

BFM Arfluvial SA
2, Place des Volontaires
CH-1204 Geneva, Switzerland

BFM Bâtiment des Forces Motrices

The Bâtiment des Forces Motrices is an example of the successful restoration and transformation of an industrial site. In the course of its history it has seen two official inaugurations, one in May 1886 as a factory and the other in September 1997 as an opera house. The BFM has been converted into a welcoming hall and auditorium in the heart of Geneva, certainly one of the hippest venues in the city today.

This majestic building was built in the middle of the Rhone riverbed between 1883 and 1892 by the engineer and politician Théodore Turrettini.

In September 1882, the Grand Council of the Republic and Canton of Geneva granted the City of Geneva the right to harness the hydraulic power of the Rhone. Thus, Théodore Turrettini was able to develop his plan for building a plant to supply Rhone water to the city's fountains, houses and factories using the energy of the river itself.

Work began in November 1883 to take advantage of the seasonally low water level. The branch of the Rhone was drained in two stages in order to construct the building, the hydraulic system for distributing water to the city and the curtain weir of the Pont de la Machine.



THE LEADING FIT OUT SPECIALIST



Science Museum, Sheikh
Abdullah Al Salem Cultural
Centre | Kuwait

National Museum of Scotland | Edinburgh



Mark Banham: mbanham@beckinteriors.com
Carol See: csee@beckinteriors.com
+44 (0) 20 8974 0500
www.beckinteriors.com



How to get around

How to get around

Geneva offers an extensive and very convenient public transport system of buses and trams, running until late at night (about 1am during the week and later at the weekend), and connected to the airport. We strongly recommend that you use it.

You will receive a complimentary "Geneva Transport Card" for the full duration of your stay in a hotel, youth hostel or campsite.

Plan your journey at www.tpg.ch/en

Taxis

We would recommend that you avoid taxis, as they are very expensive. If you really must use a taxi, here are some local taxi companies:

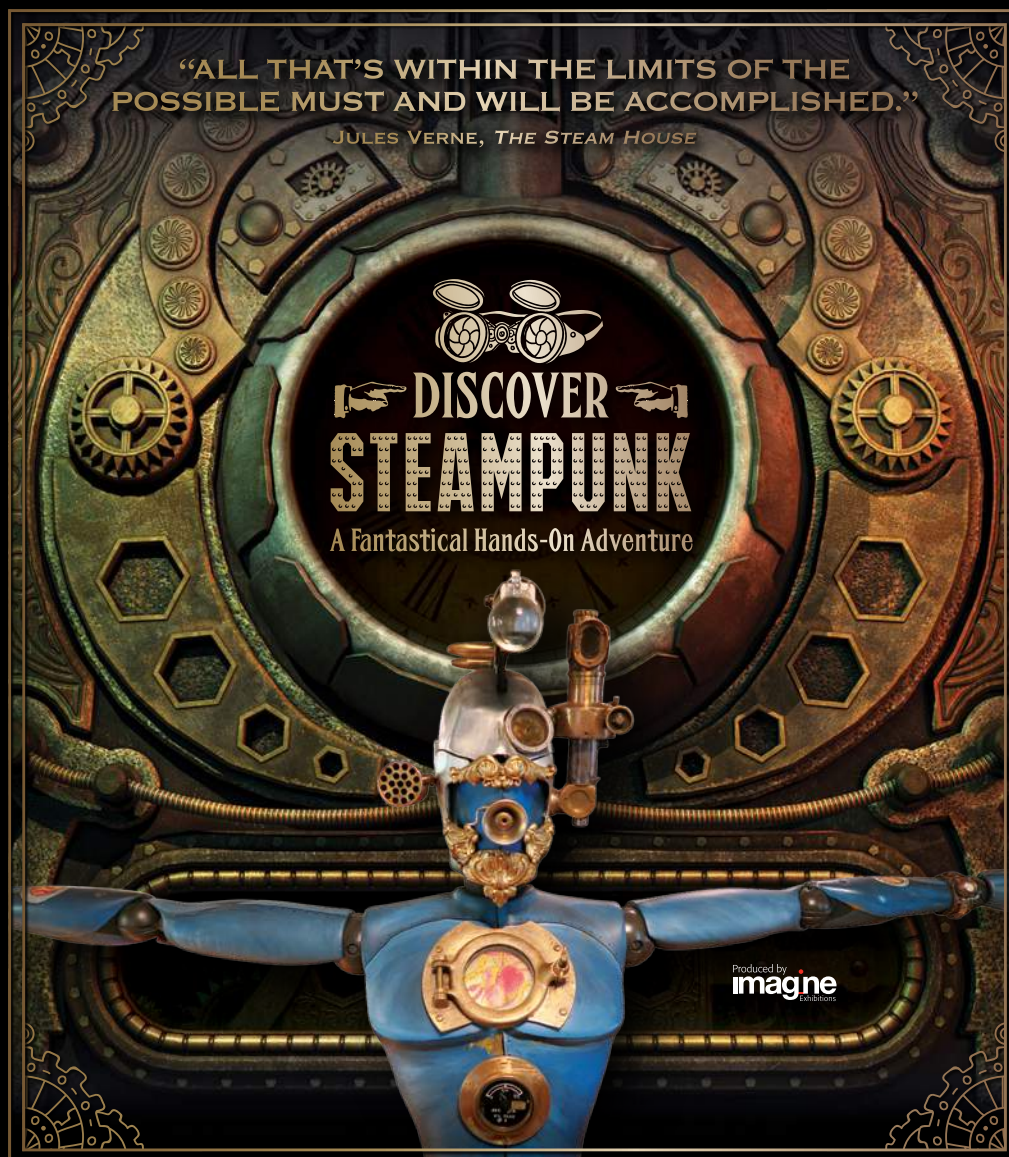
Taxiphone: +4122 331 41 33

Taxis 202: +4122 320 22 02

Getting to the city from the airport

Important: just after collecting your luggage, pick up a free single journey ticket available from a machine in the baggage collection area. This will allow you to take a bus to your accommodation, where you'll receive your free transport card. If you booked accommodation in town, bus 5 (for "Thônex-Vallard") and bus 10 (for "Rive") are likely to work for you. To reach the Convention centre directly from the airport, take bus 5 (for "Thônex-Vallard") and get off at the "Vermont" stop.

Robots: The 500-Year Quest to Make
Machines Human | Touring Exhibition



Thursday, June 7 at 12pm | Room 6
“WHAT’S NEW IN TOURING EXHIBITIONS - 1”

imagine
Exhibitions

SEE US AT BOOTH 27

AGNES RUIZ

EMAIL aruiz@imagineexhibitions.com

WEBSITE www.ImagineExhibitions.com

Useful information

Welcome at the airport

Ecsite Conference welcome desk

A welcome desk dedicated to Ecsite Conference participants will be located in the arrival hall: desk n.16 A/B (next to the visitor centre), it will be open on:

[Wednesday 6 June / 09:00 – 17:00](#)

[Thursday 7 June / 09:00 – 17:00](#)

A courtesy of the Switzerland Convention & Incentive Bureau (SCIB).

Free wifi at the Airport

Geneva Airport is pleased to inform you of the improvement to its free internet connection service: enjoy 90 minutes of surfing usable over several sessions. Works through a code received by SMS (free of charge). This code can also be used to connect to the public WiFi of the city of Geneva (and vice versa).

At the CIGC Convention Center

Luggage storage

You can safely store your luggage at the CIGC's cloakroom.

Registration and information desk

The information and registration desk is located at the CIGC Convention Centre. Registration desk opening hours:

[Tuesday 5 June / 08:00 – 17:30](#)

[Wednesday 6 June / 08:30 – 17:30](#)

[Thursday 7 June / 08:00 – 18:00](#)

[Friday 8 June / 08:30 – 17:30](#)

[Saturday 9 June / 08:30 – 17:00](#)

Registered pre-conference participants with workshops at the Natural History Museum: your badges will be waiting for you there at the start of your workshop.

Upload room

The Upload room (for session presentations) is located on the 2nd floor, room 11. All main conference session speakers (7-9 June) are requested to upload their presentations via the Upload room, at least three hours prior to their session

Hotline

For urgent questions and emergencies during the conference, call the hotline: +4179 476 69 12

Meeting rooms

The lounge areas and the Pop Up Office at the Business Bistro are available for spontaneous meetings on a first come, first served basis.

Dietary restrictions

At all meals, you will find options to suit major dietary requirements (gluten and lactose intolerance, as well as vegetarian and vegan options). For the Gala Dinner, those not wishing to eat fondue have said so during online registration – you're covered, don't worry!

Accessibility

The Congress Center is accessible to people with mobility impairment. If you have visual impairment and need help recognising the space, please contact Ecsite.

Breastfeeding room

The Infirmary on level -1 will serve as breastfeeding feeding room.

TRAVELLING MUSEUM EXHIBITIONS

Worldwide Turnkey Services

SCIENTIFIC CONCEPTS

INTERNATIONAL PARTNERSHIPS

INTERPRETATIVE PLANNING

TOPIC TESTING

PROJECT AND TOUR MANAGEMENT

ORIGINAL ARTIFACTS

EXHIBITION DESIGN AND GRAPHICS

FLEXIBLE MODULAR FLOOR PLANNING

SHOWCASES

LOGISTICS AND COURIER SERVICES

INSTALLATION AND ART HANDLING

INSURANCES

MAINTENANCE

FILMS AND ANIMATIONS

HANDS-ON ELEMENTS

INTERACTIVES

AUGMENTED REALITY

AUDIO-VISUAL MATERIAL

EXHIBITION CATALOGUE

MERCHANDISING

EXHIBITION TOUR MARKETING

DIDACTIC MATERIALS

WE ARE HAPPY TO MEET YOU AT BOOTH 32

Peter Elsaesser, CEO
elsaesser@museumspartner.com
+43 664 210 06 73

Petra Rotthoff, director of exhibitions
rotthoff@museumspartner.com
+49 170 322 70 29

museumspartner.com



Museums Partner

Sustainability

The 2018 Conference will be as sustainable as possible.

CICG

The Congress centre's air-conditioning system uses heat pumps connected to the waters of Lake Geneva. The centre produces its own honey from hives on the terrace.

Drinking Water

At CICG, you will find plenty of water dispensers with reusable glasses. Please put used glasses in the appropriate receptacles. Geneva's tap water is perfectly safe to drink.

Paper

To avoid excessive use of paper we will let you decide whether you need a printed programme. A digital version is available at www.ecsite.eu/annual-conference/programme and is much more environmentally friendly. Please use the paper recycling containers in the conference rooms.

Furniture and office materials

Furniture and office materials have been borrowed or recycled as far as possible. Only unavoidable purchases have been made.

Tableware, tablecloths, napkins, glasses

A special effort is made to use ecologically friendly materials or products with minimum waste impact.

Food (organic and local)

All meals will feature seasonal products coming from local or Swiss producers, travelling 145km at most. At CICG, apples are the fruit of the week, provided by OPAGE (Promotional Office of Geneva's agricultural products). OPAGE will also present award-winning Genevan wines at the Business Bistro.

Cheers!

A local beer will be served at the Nocturne.

Transportation

Geneva offers an extensive and very convenient public transport system until late at night (about 1am during the week and later at the weekend). We strongly recommend that you use it. Most Geneva Public Transport vehicles are electric and run on hydroelectric energy.



Lascaux International Exhibition
Exclusive French production,
this emotional and interactive
exhibition gives visitors a
unique opportunity to discover
full-scale replicas of the most
beautiful prehistoric cave
and learn how our common
ancestor Cro Magnon lived
200 centuries ago.

“Lascaux – International Exhibition
brings together the most remarkable
replicas of the cave ever made. It
opens a window to understanding
man’s earliest artistic endeavors
revealing a multi-faceted and

subjective reality,
unfathomable through
one science alone.”



Prof. Yves Coppens
Member of the French
Academy of Sciences,
President of the Lascaux
cave Scientific Committee

A successful World Tour

#1 Chicago (USA)

19/03/2013 - 08/09/2013
The Field Museum of Chicago

#2 Houston (USA)

18/10/2013 - 23/03/2014
Houston Museum of Nature
& Science

#3 Montreal (Canada)

16/04/2014 - 14/09/2014
Montreal Science Centre

#4 Brussels (Belgium)

13/11/2014 - 12/04/2014
Royal Museum of Art & History

#5 Paris (France)

19/05/2015 - 30/08/2015
Exhibition Park, Porte de
Versailles

#6 Geneva (Switzerland)

2/10/2015 - 17/01/2016
Palexpo

#7 Gwangmyeong (South Korea)

16/04/2016 - 04/09/2016
Lascaux Exhibition Hall

#8 Tokyo (Japan)

1/11/ 2016 - 19/02/2017
National Museum of Nature
& Sciences, Ueno Park

#9 Sandei (Japan)

25/03/2017 - 28/05/2017
Museum of History of Tohoku

#10 Fukuoka (Japan)

10/07/2017 - 03/09/2017
National Museum of Kyushu

#11 Shanghai (China)

01/11/2017-28/02/2018
Shanghai Science &
Technology Museum

#12 Johannesburg (South Africa)

17/05/2018-30/09/2018
Sci Bono Discovery Centre



Fine engravings
are unveiled by
special black light

*More than
2 millions
of visitors !*

OLIVIER RETOUT, PhD
o.retout@dordogne.fr

www.lascaux-expo.fr

Wanna have it all? Enjoy the city like a local!



Nicknamed “the biggest international village in the world”, Geneva is a cosmopolitan city ideally situated at the heart of Europe. It is known as a City of Peace and Sustainability, home to the European headquarters of the United Nations. Geneva is also one of Europe’s most beautiful regions, with its lake surrounded by magnificent mountain scenery.

Besides its ideal location in a spectacular natural setting, Geneva is a welcoming, human-size city (less than 200,000 inhabitants), with a unique density of scientific and cultural centres. The city is home to a dense network of cultural and scientific institutions and hosts a vibrant scientific community, offering many exciting opportunities for the public to interact with science. Committed to producing knowledge through cutting-edge research and diffusing it through education, world-class institutions such as CERN, the Natural History Museum, the Conservatory and Botanical Garden or the University of Geneva have indeed developed a wealth of innovative science education and outreach activities. / **What to do and see** / We recommend two sets of tours in the city: the Geneva Cultural Trails that will take you on a “classic” exploration of the city, and a series of more personal walking tours that local staff involved in the Ecsite conference have put together especially for you. Enjoy!

Geneva

Cultural Trails

The Cultural Trails devised by the City of Geneva propose walks from one museum to another, or from one library to another, by district, with numerous attractions along the way: monuments, public works of art and historical anecdotes. Immerse yourself in the history of the growth of a district, to discover the famous people who have left their mark on these places, or simply take a stroll or a bike ride in the fresh air, since the Cultural Trails promote soft mobility. So follow one of these heritage trails and discover cultural Geneva from a new angle! Two new themes have been added to the Cultural Trails, with the latest editions dedicated to the history of botany in Geneva and the unique presence of contemporary art in the streets of the city.

Interpretive Tools User-friendly interpretive tools, in French and English, allow people to enhance their knowledge and organise their walk: / **An illustrated map** / with a wealth of precise and original insights into Geneva’s cultural and historical heritage, as well as practical information to make the walk pleasurable (restaurants, toilets, Wi-Fi hotspots, car parks, public transport). The suggested itinerary is timed and can be followed on foot or on bicycle. The map is available in the museums, at the Geneva tourist office, at the Information Centre on the Pont de la Machine and at the Maison des arts du Grütli. / **An audio guide** / that describes each museum along the trail in a user-friendly manner, with the added bonus of an interview with a representative from each institution that takes listeners to the heart of the collections. Available for downloading or listening at: ville-geneve.ch/sentiers-culturels. / **Web pages** / that allow users to download the map and access the audio guide, as well as to relive the past through photos of the period, poignant reminders that complement the descriptions of the routes: ville-geneve.ch/sentiers-culturels. / **A mobile application** / available on AppStore and GooglePlay.

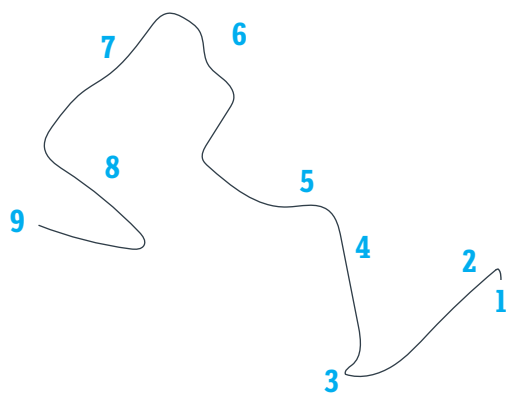
All the above interpretive tools are free of charge.



Alice Brighi Educator & project manager
at the Natural History Museum of Geneva

A walk among history, relics and curiosities

On a hill, the Old Town of Geneva is the largest historic town in Switzerland. It was the centre of a prehistoric settlement probably founded around 1,000 BC. Julius Caesar was the first to record the name "Geneva", in connection with the Gallic War (58 BC). A walk from the Saint-Antoine car park to the Parc des Bastions / Walking time (excluding visits): 1 hour



Starting a walk in an / **an underground carpark** / **1** / (10 Boulevard Emile-Jaques-Dalcroze)... what's that all about? It's about discovering relics of historic Geneva! Take the lift, and as you go up you can admire the remains of the fortifications that protected the city in the 16th century. You arrive at the **Promenade Saint-Antoine** / **2** / , the platform of the ancient bastion. Head left, and take the / **rue Tabazan** / **3** / , named after Geneva's last executioner (1534-1624) who lived at number 9. Enter the Old Town along the / **rue Etienne-Dumont** / **4** / , which used to be called the rue des Belle Filles (Pretty Girls), a hot spot in the 15th century. Incidentally, many of the road names in the Old Town refer to the trades that were associated with them: rue des Chaudronniers (cauldron and kettle makers), rue de la Pélisserie (leather and fur merchants), place de la Taconnerie (shoemakers), etc. Head into the / **Bourg-de-Four** / **5** / . You'll catch a glimpse of the lake - perhaps Hervé is crossing it on a ferry even as you look... Visit the Protestant / **Saint-Pierre Cathedral** / **6** / ; its first stone was laid in 1160. You can climb the 157 steps of the north tower for an unbeatable view of the city and lake or visit archaeological remains dating back to the 3rd century BC. Tired? Sit down on the bench along the wall of the / **Hotel-de-ville** / **7** / , but be aware... the judges used to sit there to pronounce death sentences. Spring in Geneva is heralded by the appearance of the / **first horse chestnut leaf** / **8** / . While you're there, check out the longest bench in the world (120m). Finish the walk in the relaxing / **Parc des Bastions** / **9** / just below, home to the Natural History Museum until 1966. The Protestant reformers dominate the park from high on their wall, a reminder that Geneva is also the City of Calvin.

Time to get on board

Board a ferry boat and travel from Geneva's first steam car to the exhibition "Animal Beauty From taxidermy to sculptor" by three taxidermists! Sky, water and bronze; a gentle breeze of freedom. Lake Geneva divides the city into the left bank, around Eaux-Vives, and the right bank, Pâquis. On this itinerary you will plunge into different epochs and events that have marked the city. A walk from the Natural History Museum to the History of Science Museum in the Perle du Lac park / Walking time (excluding visits): 1h30

Before setting off from the / **Museum / 1** /, don't miss the first steam car in Geneva – the three-wheeler built by Thury-Nussberger (SIP – 1881). Taking the rue Terrassière, look out for the **Clarté apartment building / 2** / designed by the Swiss architect Le Corbusier in 1930 and the attractive façade of / **number 44 / 3** /, created by Eugène Cavalli in 1903-1904. Leaving the Belle Époque you enter Eaux-Vives, and encounter Heinrich Richard Reimann's Alphabet painting in the library at **2 rue Sillem / 4** /. Then make for / **quai Gustave Ador / 5** / to admire the famous Pierres de Niton, huge glacial erratics used to indicate the water level of the lake. From there, board one of the iconic / **ferry boats / 6** / going to the right bank, and take a moment to savour the beauty of the landscape, the cry of the birds, the lapping of the water... Maybe Mont Blanc will be visible in the distance. Or maybe the spirit of Mary Shelley's *Frankenstein* (1816), closer to hand. Once ashore, head for the Perle du Lac along the quai de Mont-Blanc and then the quai Wilson. Spare a thought for the sad story of Sissi, the Empress who was assassinated a stone's throw from here. Take a good look at the historic / **Palais Wilson / 7** /, once the home of the League of Nations (1920-1936), where the Geneva Conventions of 21 July 1954 were signed at the end of the French Indochina War. Then, at last, enter the marvellous / **Villa Bartholoni / 8** /, built in 1830, to discover scientific instruments used by Genevan savants of the 18th and 19th century. And conclude with the astonishing sculptures created by three taxidermists sculptors: Yvan Larsen, François Chapelain-Midy and Thierry Jaccoud. A creative collision!



Hervé Grosçarret is a museumologist, a graduate in neurobiology and science communication, Head of public and exhibitions Unit, Natural History Museum of Geneva





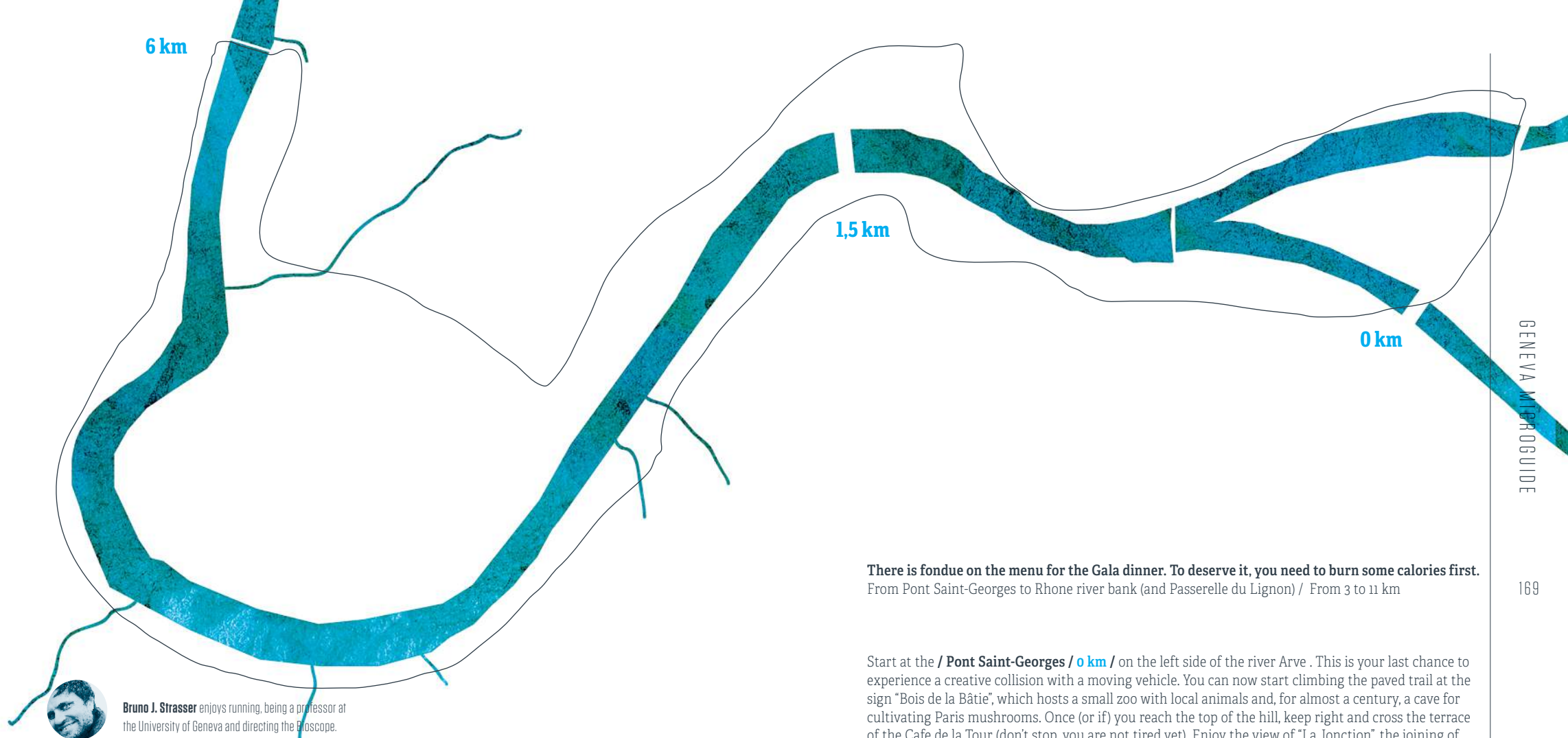
Muriel Dégerine is a graphic designer longing for some wilderness in the cities she lives in or visits.

Let's call it a day and go make a splash

After a full day networking, reconnect with your true self and its natural surroundings.

From BFM to the tip of the Junction / Walking time (excluding dive in the river): 20 minutes

From **/ BFM / 1 /**, walk past **/ L'Usine / 2 /** (The Factory) and follow the riverbank. The former gold processing factory has been for nearly three decades the fierce flagship of the local cultural rebellion. Bar, concert venue, gallery, playhouse, movie theatre, artist residency and workshop all at once, it's now an established fixture of Geneva nightlife. Continue onto **/ Quai du Rhône / 3 /** until you get closer to the **/ Pont-Sous-Terre bridge / 4 /**. Take the underpass (much safer) and enjoy the sudden change of scenery: the landscape opens from the industrial setting of Rue de la Coulouvrenière to the lush vegetation of the steep **/ St-Jean' cliffs / 5 /**, with the emerald water of the river Rhone (and the numerous locals relaxing there) just waiting for you to make a splash. Yes, you can jump right here in the river if you dare, but watch out, don't miss the last exit (ladder) on your left! Back to the shore, get a drink at the seasonal bar A la Pointe, and reach the very tip of the **/ Junction / 6 /** to take a look at the frigid muddy waters of the river Arve merging into the translucent Rhone. Altogether it's a 20 min walk (swim not included), so you have just enough time to listen to the hypnotic and beautifully textured Harlem River song by Kevin Morby twice.



Bruno J. Strasser enjoys running, being a professor at the University of Geneva and directing the *Gloscope*.

Get your running shoes and follow me

There is fondue on the menu for the Gala dinner. To deserve it, you need to burn some calories first.
From Pont Saint-Georges to Rhone river bank (and Passerelle du Lignon) / From 3 to 11 km

Start at the / **Pont Saint-Georges** / **0 km** / on the left side of the river Arve . This is your last chance to experience a creative collision with a moving vehicle. You can now start climbing the paved trail at the sign "Bois de la Bâtie", which hosts a small zoo with local animals and, for almost a century, a cave for cultivating Paris mushrooms. Once (or if) you reach the top of the hill, keep right and cross the terrace of the Cafe de la Tour (don't stop, you are not tired yet). Enjoy the view of "La Jonction", the joining of the deep blue river Rhone flowing out from Lake Geneva and the milky river Arve wending its way from the French Alps (yes, another creative collision). Continue high above the river, on the path through the forest until you reach the cemetery (don't stop, you are not dead yet), where you should take the little road down on the right marked by the yellow sign that reads "La Plaine". Soon you get to the massive / **Pont Butin** / **1,5 km** /, built in 1916 and only finished in 1926, after one of the pillars collapsed (should be safe now). Pass under the bridge along the river and enjoy, as the noise of traffic fades away, the sound of water, leaves, insects, and birds. If you stop looking at your running watch, you will see many different species of birds, and even more if you come early in the day. The path continues along the river, sometimes right next to the water, sometimes high above (yes, there are a few stairs to enjoy along the way). You can continue forever, ignoring all the sessions you are missing, or turn around when you start feeling guilty. If you are in good shape and a bit adventurous, you can go all the way to the pedestrian bridge / **"Passerelle du Lignon"** / **6 km** / and cross. Then trust your instinct (or your smartphone) to reach directly, though an industrial-residential neighbourhood, the other side of Pont Butin. Take the overpass (do not cross the river) and, unless you enjoy the smell of diesel, get back to the river bank below, just before the first condominiums. In less than 3 km you will be back. Now, you really deserve the fondue of the Gala dinner.



From the jet d'eau to the BFM



Pascal Moeschler is a biologist and hydrogeologist. He is in charge of communication of the Natural Museum History of Geneva ... and loves creative collisions !

Is Venice, Amsterdam or Stockholm the most watery city in Europe? Why not Geneva? Although it lacks a huge network of canals or a plethora of islands, for me this city is unique: the lakeshore of Lake Geneva is home to the greatest diversity of creative collisions with fresh water in the world. From the Jet d'eau to BFM / Walking time: 1 hour

You can test this audacious proposition while walking and dreaming along the left bank. The waters along the shore of Lake Geneva are: monumental (the jet d'eau fountain is a symbol of Geneva)/ water-TRANSPORT (check out the boats around you) / DRINKINGwater (the lake is the source of the city's water supply) / waterSCIENCE (F.-A. Forel, father of limnology, worked here) / ENERGY TRANSFER (innovative use of heat pumps that heat and cool buildings)/ BIODIVERSITY (the lakeshore is the only international RAMSAR nature reserve in a city) / waterENERGY (the Seujet hydroelectric plant) / TOPOGRAPHICwater (the Pierres du Niton are glacial erratics in the lake that act as the altitude baseline for Swiss maps) / waterARCHAEOLOGY (there are the remains of Neolithic pile dwellings, part of the UNESCO classified Lake Geneva archaeological complex)/ waterART (the lakeshore scenery has inspired paintings, poems, novels...)/ waterACCORDS (the agreements needed to organise the regulation of the level of Lake Geneva serve as a model worldwide) / FISHINGwaters (try the famous Lake Geneva perch or char)/ waterPLEASURE (what's better than sailing? The Société Nautique Genève yacht club notably hosted Team Alinghi) / URBANISM (the lakeshore is the central point for the development of "Greater Geneva") / waterEDUCATION (the Nuit de la Science science fair is held on the lakeshore, as are a host of other pedagogic activities) / waterENJOYMENT (as well as lakeside walking, there is swimming in the lake (the Paquis baths are opposite) and a planned lake beach) / waterSPORT (the Bol d'Or Mirabaud, the largest lake regatta in the world, starts and finishes here) / waterCELEBRATIONS (the greatest fireworks displays in Geneva take place in the harbour)! So what do you think? Do you know any other spot on the planet with so many creative water collisions in one place? Tell me by email: pascal.moeschler@ville-ge.ch Have a great walk beside the waters of Lake Geneva and the Rhone and all their creative solidarity!

ABOUT THE HOSTS

Natural History Museum
of Geneva (NHMG)



The result of a long tradition of scientific activity, testimony to numerous generations of Genevans, the Natural History Museum of Geneva (NHMG) is the largest natural history museum in Switzerland and one of the top ten in Europe. Founded in 1820, the Museum now employs more than 100 people, welcomes about 300,000 visitors each year and houses 15 million specimens in its collections.

With its international reputation, the NHMG aspires to be a scientific and cultural innovator lying right at the heart of society and its development. Generating new knowledge about the natural world and its diversity, and encouraging new ways of thinking, the Museum offers researchers and members of the public alike new resources and experiences in the realms of science, history of science and information technology, along with opportunities for stimulating interaction and debate.

Also under the direction of the NHMG, the History of Science Museum focuses on the evolution of human knowledge about the origins, diversity and workings of the natural world. Each year the "Nuit de la Science" biennial event takes place next to this museum in one of the most beautiful parks in Geneva, with wonderful views of Mont Blanc and the lake. This is one of the largest interactive public science events in Switzerland.

www.museum-geneve.ch

CERN



At CERN, the European Organization for Nuclear Research, physicists and engineers are probing the fundamental structure of the universe. They use the world's largest and most complex scientific instruments to study the basic constituents of matter – the fundamental particles. The particles are made to collide together at close to the speed of light. The process gives the physicists clues about how the particles interact, and provides insights into the fundamental laws of nature.

The instruments used at CERN are purpose-built particle accelerators and detectors. Accelerators boost beams of particles to high energies before the beams are made to collide with each other or with stationary targets. Detectors observe and record the results of these collisions.

Founded in 1954, the CERN laboratory sits astride the Franco-Swiss border near Geneva. It was one of Europe's first joint ventures and now has 22 member states.

www.home.cern

UNIGE



The University of Geneva, Switzerland, was founded in 1559 by Jean Calvin and Théodore de Bèze and ranks amongst the top 60 best universities in the world. It enjoys worldwide recognition and develops an ever-strengthening international network.

The University of Geneva welcomes about 17,000 students in its nine faculties teaching Sciences, Medicine, Humanities, Economics and Management, Social Sciences, Law, Theology, Psychology and Educational Sciences, as well as Translation and Interpreting.

The University of Geneva fulfils three missions: education, research and knowledge-sharing. It has been a member of the League of European Research Universities since 2002 and is a founding partner of Campus Biotech, the life science hub for the Geneva Lake region.

www.unige.ch

Campus Biotech



With its 40,000 square meters of talent, equipment, skills and scientific collaborations located in the heart of Geneva, Campus Biotech has made the Lake Geneva region one of the world's leading research centers in the field of neuroscience and digital and global health.

More than a thousand specialists work side by side, favoring multidisciplinary approaches and widening the field of human knowledge. Genome research can now rely on Switzerland's first high-throughput DNA sequencing platform. And in the cognitive sciences, our understanding of emotions has been completely changed by the work of the National Research Center (NCCR) in the affective sciences.

Many academic and industrial partners contribute to the success of Campus Biotech. With a shared goal: to put science at the service of concrete progress that will have a positive impact on society and the world.

www.campusbiotech.ch

Host organisation team

The ECSITE Annual Conference 2018 was organised with great pleasure by the teams of Natural History Museum of Geneva (NHMG), in partnership with CERN, University of Geneva (UNIGE) and Campus Biotech Geneva (FCBG).

UNDER THE DIRECTION OF

Jacques Ayer, Director, NHMG
Hervé Grosccarret, Head of public and exhibitions Unit, NHMG

STEERING COMITEE

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Didier Raboud, Deputy Secretary General, UNIGE
Benoît Dubuis, Director, FCBG
Virginie Todeschini, Project Manager, Department of culture and sports, City of Geneva

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Alice Brighi, NHMG

PROJECT ASSISTANCE

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Ninian Hubert (ACPG)
Enrico Zuffi EZ Associates conference coach

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ZAGO Muriel Dégerine & Nereo Zago

AUDIOVISUAL AND DIGITAL COMMUNICATION WITH HOST

Marie Carrard, Head of Museographic and Digital Experiments,
Point prod/Actua agency, Geneva

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CERN: Francois Briard, Lorraine Massarotti
UNIGE: Bruno Strasser, Carole Varone
FCBG: Isabelle Bonne
Geneva Tourism & Conventions Foundation: Magali Belotti, Angélique Crettenand

We thank all the collaborators of the host organisations and the volunteers for their active involvement. The Museum's management would also like to thank all its teams for helping to offer an optimal welcome to the ECSITE annual conference participants, particularly during the Nocturne, as well as the other departments of the City of Geneva who contributed to the organization of this conference.

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ABOUT ECSITE

About

Ecsite is the European network of science centres and museums. Ecsite's vision is to foster creativity and critical thinking in European society, emboldening citizens to engage with science. Active in the field of science communication, our 350+ members include science centres, museums, research bodies, festivals, universities, planetariums, foundations and learned societies, companies, local authorities... Ecsite members' convening power draws more than 40 million citizens each year to science-related debates, exhibitions, workshops, events or platforms.

As a network, Ecsite catalyses its members' collective strengths into a powerful voice, at the forefront of public engagement with science. To service its members, Ecsite organises the largest professional science communication conference in Europe, represents science engagement at European level, shapes and spreads best practice through its publications and awards, takes part in European projects – and more.

Join or partner up

Ecsite welcomes organisations in the field of science engagement, be they public or private, non-profit or commercial. Different membership packages are available – see www.ecsite.eu for more information and the online application form or email info@ecsite.eu with questions.

Ecsite also offers a range of partnerships and sponsorships, as well as advertisement options. Don't hesitate to get in touch at info@ecsite.eu

Key benefits for members

- Attend the Ecsite Annual Conference at a reduced fee;
- Be invited to participate in EU-funded projects;
- Spread your news and events through Ecsite communications channels;
- Promote your touring exhibitions on EXTRA, the marketplace for scientific touring exhibitions;
- Exhibit, sponsor and advertise at the conference and on the Ecsite website at reduced rates;
- Run for the Mariano Gago Ecsite Awards;
- Attend the Directors Forum, an intimate event bringing together decision makers of the field for two days of networking and peer learning (Full members only);
- Visit Ecsite members for free and join the Ecsite Move scheme (Full members only)

Ecsite Board

Ecsite Board members are elected by the Annual General Assembly, the governing body of Ecsite composed of representatives from Full member organisations. Board members serve for a two-year period renewable twice for a maximum of six years.

The Annual General Assembly is taking place during the conference: Friday 8 June, 15.45-17.00, room 1.



Herbert



Michiel



Anna



Tapio



Jean Baptiste



Robert



Kim



Ulrike



Luigi



Helen



Stephane



Miha



Bruno



Jan Alfred

Annual Conference Programme Committee

The ACPC brings together science engagement experts, representatives of past, present and future conference hosts and Ecsite staff members. The ACPC is in charge of the conference's format and programme, while the local host takes care of social events and logistics. Each autumn the ACPC selects session proposals received via an online call open to all. Team up with your peers, craft a brilliant session idea and don't miss the call for proposals for the 2019 conference, open on the Ecsite website from 15 August to 18 October 2018.



Mikko



Ian



Amito



Joanna



Lorenz



Maarten



Vesna



Barbara



Dorothée



Carlos



Maria João



Alice



Hervé



Ninian



Sheena



Julie



Catherine

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Mikko Myllykoski Experience Director, Heureka - The Finnish Science Centre, Vantaa (Finland) – Chairperson
Ian Brunswick Programme Manager, Science Gallery, Trinity College, Dublin (Ireland)
Amito Haarhuis Director, Rijksmuseum Boerhaave, Leiden (The Netherlands)
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Lorenz Kampschulte Scientific staff, Kiel Science Outreach Campus KISOC, Kiel (Germany)
Maarten Okkerson Communications Manager, Museum, The Hague (The Netherlands)
Vesna Pajić Project Manager, The House of Experiments, Ljubljana (Slovenia)
Barbara Streicher Executive Manager, Science Center Network, Vienna (Austria)
Dorothée Vatinel Curator, universcience, Paris (France)

Conference Host Representatives

2017 **Carlos Catalão Alves** Board Member, Pavilion of Knowledge - Ciência Viva, Lisbon (Portugal)
Maria João Fonseca Interim Executive Coordinator, Natural History and Science Museum of the University of Porto (MHNC-UP), Porto (Portugal)
2018 **Alice Brighi** Project Manager, Natural History Museum of Geneva, Geneva (Switzerland)
Hervé Groscharret Head of public and exhibitions Unit, Natural History Museum of Geneva, Geneva.
Ninian Hubert van Blijenburgh Project Manager, Natural History Museum of Geneva, Geneva (Switzerland)
2019 **Sheena Laursen** Programme Manager – International Relations and Learning, Experimentarium, Copenhagen (Denmark)

Ecsite Office Representatives

Julie Becker Communications and Events Manager, Ecsite, Brussels (Belgium)
Catherine Franche Executive Director, Ecsite, Brussels (Belgium)

PUSHING BOUNDARIES

2019 Ecsite Conference
Copenhagen, Denmark
6 - 8 June

#Ecsite2019



The eye-catching sculptural **Helix staircase** welcomes you as soon as you enter Experimentarium. The 100m long staircase is an abstract version of the DNA structure built out of 160 tons of steel and coated with 10 tons of radiating copper. You are immediately aware that you have entered a world of science.

The Ecsite Conference celebrates its 30th edition in 2019

We invite the science engagement community to build on three decades of science communication and look ahead, challenging the boundaries of our field and practices.

It is by pushing our own boundaries for science communication that we ourselves become inspired to walk down new and creative paths.

Experimentarium will host the 2019 Ecsite Conference, which will be held inside Experimentarium in the former Tuborg Brewery. Following a 3-year renovation, Experimentarium re-opened in January 2017 with 16 brand new exhibitions, all exploring new boundaries for science communication.

Discover the mix between old and new, unwind by the beautiful lakes, canals and sea around Copenhagen, glance at the historical architecture and enjoy Danish design. Experience Copenhagen as a smart city with its public transport, bicycle paths and public parks.

www.ecsite.eu

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Ecsite Thematic Groups

Thematic groups bring together Ecsite professionals to exchange ideas and best practices on specific topics within the field – join the discussion! These groups are formed solely thanks to the energy, ideas and initiative of Ecsite members.



The Facilitation Group is dedicated to building a community for all staff who deliver learning experiences within a museum.



The Nature Group brings together professionals and institutions who engage audiences with nature.

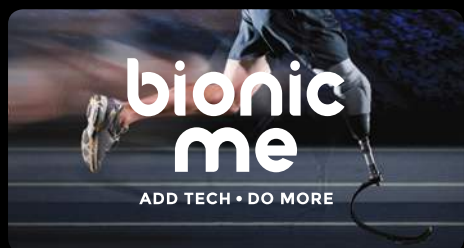
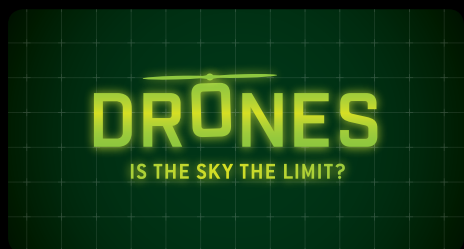


The Research and Evaluation Group stimulates and helps facilitate research and evaluation in science centres and museums across Europe.



The Space Group improves and extends communication about space science by helping science centres, space professionals and non-specialists to develop collaborative projects and events.

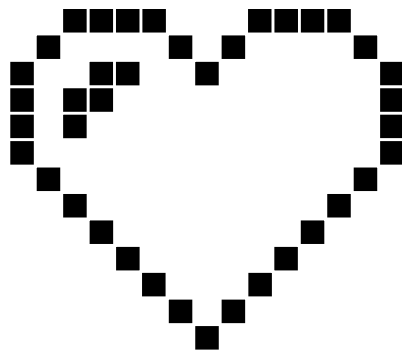
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Spokes, Ecsite's monthly magazine

Spokes is the monthly online magazine of Ecsite, available to all on the Ecsite website. Hear the latest news from European science engagement, go further with in-depth features and make the most of the good reads, events and opportunities shared by Ecsite members. Sign up on the Ecsite home page and visit the Ecsite lounge in the Business Bistro to suggest article topics.

Social media

Follow @Ecsite

Have your say on the page "Ecsite, the European network of science centres and museums"

Join the group "Science centres and museums in Europe"

Watch the Ecsite Executive Office channel

Browse through hundreds of pictures on the "Ecsite Executive Office" page (including ones taken during this conference)

Ecsite Directors Forum

Open to Senior Managers of Full Ecsite members.
 14-16 November 2018, Barcelona. Registration open until mid-October.

BACK TO BASICS

In 2018 we are celebrating the 70th anniversary of the United Nations Universal Declaration of Human Rights.

The Tokyo Protocol, On the Role of Science Centres and Science Museums Worldwide In Support of the United Nations Sustainable Development Goals, was signed in June 2017 by representatives of science centre networks from around the world. The Protocol formed the backbone of the Science Centre World Summit held on 15-17 November 2017 in Tokyo Japan and has been outlining a global vision for our field since then.

Together, these documents form a solid basis of values and visions for science engagement – and a useful resource for conference discussions.

Universal Declaration of Human Rights

Preamble Whereas recognition of the inherent dignity and of the equal and inalienable rights of all members of the human family is the foundation of freedom, justice and peace in the world, Whereas disregard and contempt for human rights have resulted in barbarous acts which have outraged the conscience of mankind, and the advent of a world in which human beings shall enjoy freedom of speech and belief and freedom from fear and want has been proclaimed as the highest aspiration of the common people, Whereas it is essential, if man is not to be compelled to have recourse, as a last resort, to rebellion against tyranny and oppression, that human rights should be protected by the rule of law, Whereas it is essential to promote the development of friendly relations between nations, Whereas the peoples of the United Nations have in the Charter reaffirmed their faith in fundamental human rights, in the dignity and worth of the human person and in the equal rights of men and women and have determined to promote social progress and better standards of life in larger freedom, Whereas Member States have pledged themselves to achieve, in co-operation with the United Nations, the promotion of universal respect for and observance of human rights and fundamental freedoms, Whereas a common understanding of these rights and freedoms is of the greatest importance for the full realization of this pledge, Now,

Therefore THE GENERAL ASSEMBLY proclaims THIS UNIVERSAL DECLARATION OF HUMAN RIGHTS as a common standard of achievement for all peoples and all nations, to the end that every individual and every organ of society, keeping this Declaration constantly in mind, shall strive by teaching and education to promote respect for these rights and freedoms and by progressive measures, national and international, to secure their universal and effective recognition and observance, both among the peoples of Member States themselves and among the peoples of territories under their jurisdiction.

Article 1. All human beings are born free and equal in dignity and rights. They are endowed with reason and conscience and should act towards one another in a spirit of brotherhood.

Article 2. Everyone is entitled to all the rights and freedoms set forth in this Declaration, without distinction of any kind, such as race, colour, sex, language, religion, political or other opinion, national or social origin, property, birth or other status. Furthermore, no distinction shall be made on the basis of the political, jurisdictional or international status of the country or territory to which a person belongs, whether it be independent, trust, non-self-governing or under any other limitation of sovereignty.

Article 3. Everyone has the right to life, liberty and security of person.

Article 4. No one shall be held in slavery or servitude; slavery and the slave trade shall be prohibited in all their forms.

Article 5. No one shall be subjected to torture or to cruel, inhuman or degrading treatment or punishment.

Article 6. Everyone has the right to recognition everywhere as a person before the law.

Article 7. All are equal before the law and are entitled without any discrimination to equal protection of the law. All are entitled to equal protection against any discrimination in violation of this Declaration and against any incitement to such discrimination.

Article 8. Everyone has the right to an effective remedy by the competent national tribunals for acts violating the fundamental rights granted him by the constitution or by law.

Article 9. No one shall be subjected to arbitrary arrest, detention or exile.

Article 10. Everyone is entitled in full equality to a fair and public hearing by an independent and impartial tribunal, in the determination of his rights and obligations and of any criminal charge against him.

Article 11. (1) Everyone charged with a penal offence has the right to be presumed innocent until proved guilty according to law in a public trial at which he has had all the guarantees necessary for his defence. (2) No one shall be held guilty of any penal offence on account of any act or omission which did not constitute a penal offence, under national or international law, at the time when it was committed. Nor shall a heavier penalty be imposed than the one that was applicable at the time the penal offence was committed.

Article 12. No one shall be subjected to arbitrary interference with his privacy, family, home or correspondence, nor to attacks upon his honour and reputation. Everyone has the right to the protection of the law against such interference or attacks.

Article 13. (1) Everyone has the right to freedom of movement and residence within the borders of each state. (2) Everyone has the right to leave any country, including his own, and to return to his country.

Article 14. (1) Everyone has the right to seek and to enjoy in other countries asylum from persecution. (2) This right may not be invoked in the case of prosecutions genuinely arising from non-political crimes or from acts con-

trary to the purposes and principles of the United Nations.

Article 15. (1) Everyone has the right to a nationality. (2) No one shall be arbitrarily deprived of his nationality nor denied the right to change his nationality.

Article 16. (1) Men and women of full age, without any limitation due to race, nationality or religion, have the right to marry and to found a family. They are entitled to equal rights as to marriage, during marriage and at its dissolution. (2) Marriage shall be entered into only with the free and full consent of the intending spouses. (3) The family is the natural and fundamental group unit of society and is entitled to protection by society and the State.

Article 17. (1) Everyone has the right to own property alone as well as in association with others. (2) No one shall be arbitrarily deprived of his property.

Article 18. Everyone has the right to freedom of thought, conscience and religion; this right includes freedom to change his religion or belief, and freedom, either alone or in community with others and in public or private, to manifest his religion or belief in teaching, practice, worship and observance.

Article 19. Everyone has the right to freedom of opinion and expression; this right includes freedom to hold opinions without interference and to seek, receive and impart information and ideas through any media and regardless of frontiers.

Article 20. (1) Everyone has the right to freedom of peaceful assembly and association. (2) No one may be compelled to belong to an association.

Article 21. (1) Everyone has the right to take part in the government of his country, directly or through freely chosen representatives.

(2) Everyone has the right of equal access to public service in his country. (3) The will of the people shall be the basis of the authority of government; this will shall be expressed in periodic and genuine elections which shall be by universal and equal suffrage and shall be held by secret vote or by equivalent free voting procedures.

Article 22. Everyone, as a member of society, has the right to social security and is entitled to realization, through national effort and international co-operation and in accordance

with the organization and resources of each State, of the economic, social and cultural rights indispensable for his dignity and the free development of his personality.

Article 23. (1) Everyone has the right to work, to free choice of employment, to just and favourable conditions of work and to protection against unemployment.

(2) Everyone, without any discrimination, has the right to equal pay for equal work.

(3) Everyone who works has the right to just and favourable remuneration ensuring for himself and his family an existence worthy of human dignity, and supplemented, if necessary, by other means of social protection.

(4) Everyone has the right to form and to join trade unions for the protection of his interests.

Article 24. Everyone has the right to rest and leisure, including reasonable limitation of working hours and periodic holidays with pay.

Article 25. (1) Everyone has the right to a standard of living adequate for the health and well-being of himself and of his family, including food, clothing, housing and medical care and necessary social services, and the right to security in the event of unemployment, sickness, disability, widowhood, old age or other lack of livelihood in circumstances beyond his control. (2) Motherhood and childhood are entitled to special care and assistance. All children, whether born in or out of wedlock, shall enjoy the same social protection.

Article 26. (1) Everyone has the right to education. Education shall be free, at least in the elementary and fundamental stages. Elementary education shall be compulsory. Technical and professional education shall be made generally available and higher education shall be equally accessible to all on the basis of merit. (2) Education shall be directed to the full development of the human personality and to the strengthening of respect for human rights and fundamental freedoms. It shall promote understanding tolerance and friendship among all nations, racial or religious groups, and shall further the activities of the United Nations for the maintenance of peace. (3) Parents have a prior right to choose the kind of education that shall be given to their children.

Article 27. (1) Everyone has the right freely to participate in the cultural life of the community, to enjoy the arts and to share in scientific advancement and its benefits. (2) Everyone has the right to the protection of the moral and material interests resulting from any scientific, literary or artistic production of which he is the author.

Article 28. Everyone is entitled to a social and international order in which the rights and freedoms set forth in this Declaration can be fully realized.

Article 29. (1) Everyone has duties to the community in which alone the free and full development of his personality is possible.

(2) In the exercise of his rights and freedoms, everyone shall be subject only to such limitations as are determined by law solely for the purpose of securing due recognition and respect for the rights and freedoms of others and of meeting the just requirements of morality, public order and the general welfare in a democratic society.

(3) These rights and freedoms may in no case be exercised contrary to the purposes and principles of the United Nations.

Article 30.

Nothing in this Declaration may be interpreted as implying for any State, group or person any right to engage in any activity or to perform any act aimed at the destruction of any of the rights and freedoms set forth herein.

SUSTAINABLE DEVELOPMENT GOALS

<div>1</div> <div>NO POVERTY</div> <div></div>	<div>2</div> <div>ZERO HUNGER</div> <div></div>	<div>3</div> <div>GOOD HEALTH AND WELL-BEING</div> <div></div>
<div>4</div> <div>QUALITY EDUCATION</div> <div></div>	<div>5</div> <div>GENDER EQUALITY</div> <div></div>	<div>6</div> <div>CLEAN WATER AND SANITATION</div> <div></div>
<div>7</div> <div>AFFORDABLE AND CLEAN ENERGY</div> <div></div>	<div>8</div> <div>DECENT WORK AND ECONOMIC GROWTH</div> <div></div>	<div>9</div> <div>INDUSTRY, INNOVATION AND INFRASTRUCTURE</div> <div></div>
<div>10</div> <div>REDUCED INEQUALITIES</div> <div></div>	<div>11</div> <div>SUSTAINABLE CITIES AND COMMUNITIES</div> <div></div>	<div>12</div> <div>RESPONSIBLE CONSUMPTION AND PRODUCTION</div> <div></div>
<div>13</div> <div>CLIMATE ACTION</div> <div></div>	<div>14</div> <div>LIFE BELOW WATER</div> <div></div>	<div>15</div> <div>LIFE ON LAND</div> <div></div>
<div>16</div> <div>PEACE, JUSTICE AND STRONG INSTITUTIONS</div> <div></div>	<div>17</div> <div>PARTNERSHIPS FOR THE GOALS</div> <div></div>	<div>SUSTAINABLE DEVELOPMENT GOALS</div>

Tokyo Protocol

On the Role of Science Centres and Science Museums Worldwide In Support of the United Nations Sustainable Development Goals. Signed on 17 June 2017 by representatives of science centre networks from around the world

Preamble

Science centres and science museums throughout the world are committed to promoting scientifically literate societies and participatory citizenship, by educating, empowering and inspiring people of all ages about the impact of science on their lives. Since 1996, leaders of the field have convened in six world congresses, reaffirming these commitments in two formal declarations (Toronto and Cape Town.) These congresses provided the basis for convening the first Science Centre World Summit (SCWS2014) in Mechelen, Belgium, yielding the comprehensive Mechelen Declaration of principles and concrete actions to enhance public engagement for a better world. At the convening of the second Science Centre World Summit (SCWS2017) on 15-17 November, 2017 in Tokyo, Japan, parties recognise the importance of applying the principles of the Mechelen declaration more precisely to strengthening public engagement in global sustainability. Underscoring this important role for the field,

The Parties to this Protocol:

Recalling the Sustainable Development Goals (SDGs) endorsed by the United Nations (UN) in 2015 that are global in scope and impact; Recognising that science, technology, engi-

neering and mathematics (STEM) is critical to meet these challenges and that STEM is universally relevant across borders and cultures; Emphasising that public engagement and action in science and technology are key to achieving the SDGs; Endorsing the commitments and achievements to date of global, regional and local organisations worldwide to achieve these goals for the benefit of all life forms on the planet; Taking into account that everyone must play a part to meet the challenges addressed by the SDGs and that these will be fulfilled by the actions of individuals in communities throughout the world; Recognising as well that the rapid pace of change in the world today - scientifically, technologically, demographically and economically - offers both challenges and new opportunities for collective actions to achieve the SDGs; Acknowledging that nearly 3000 science centres and science museums that influence more than 310 million visitors and participants are deeply committed to raising awareness and helping all members of society to be participants in the solutions achievable to meet these goals for our planet; Expressing confidence that science centres and science museums are agile institutions responsive to rapid changes and behaving proactively, share the vision on their roles in the ever-changing society; Declaring that science centres and science museums worldwide are concerned, committed, and prepared to address these increasingly urgent goals

Have agreed as follows:

General Provision

This Protocol stands as a fully endorsed sup-

plement to the Mechelen Declaration opened for signature on 19 March, 2014 at the convening of the first Science Centre World Summit in Mechelen, Belgium and adopted as a framework with the following seven action points:

We will ...

1. Investigate how to engage even more effectively with local communities and increasingly diverse audiences, and keep the focus on gender differences in engagement.
2. Continue taking actions that have a positive global impact and that will make people everywhere more aware of the opportunities that science and technology hold for the sustainable advancement of humankind.
3. Draw the attention of decision makers and the media to the essential role of public engagement with science and technology by setting up high-profile global activities.
4. Endeavour to leverage the position of science centres as "trusted" places to introduce the public to new technological solutions and sustainable technologies, and to broaden the potential use of these solutions.
5. Take the lead in developing the best methods for engaging learners and optimizing their education in both formal and informal settings using appropriate technologies in widely varying contexts.
6. Engage the public more directly with research, using this engagement to help empower people, broaden attitudes and ensure that the work of universities and research institutions is relevant to society and to wider social concerns on a global scale.
7. Work together in a creative celebration of the International Science Centre Year 2019, encouraging people throughout the world to take part in shared experiences relating to science and technology and society.

Statement of Purposes

The purposes of this Protocol are therefore to:

- I. Recognise and utilize science centres and science museums as platforms to help various relevant stakeholders build a better understanding of the challenges of realising the SDGs in increasingly diverse communities;
- II. Bring to the attention of the decision makers worldwide the accomplishments of the science centre and science museum field with regard to the SDGs consistent with the relevant action points of the Mechelen Declaration.

With Actions Set Forth:

The Parties to this Protocol will endeavour to –
I. Give priority consideration to the importance and urgency of expanding public awareness of, and engagement in actions that help achieve the SDGs;

II. Undertake actions relevant and appropriate to local communities with consideration for the SDGs;

III. Serve as platforms for discourse and exchange among all diverse actors in society on these critical issues - bridging ideas, cultures, and views, whether they are founded in indigenous knowledge and long-standing traditions or fashioned in the rapid pace of global change;

IV. Establish new and strengthen existing partnerships and collaborations with other organisations and entities that share the commitment of science centres and science museums to raise public awareness and engagement toward timely success in achieving the SDGs;

V. Embrace and incorporate the contributions of technological innovation as tools to more effectively engage the public in these topics;

VI. Serve as trusted links and valued communicators of both the progress being made and the challenges encountered by the scientific research community worldwide in contributing to the achievement of the SDGs;

VII. Support advancement in the number, capabilities and efforts of science centres and science museums everywhere to achieve progress in meeting the SDGs;

VIII. Accept the responsibility to serve as catalysts for better understanding and coordinated actions within communities throughout the world by stimulating tolerance and critical thinking, distinguishing fact from belief, reinforcing the imperative for evidence-based decision-making, and inspiring a new generation to view the SDGs as foundations on which to grow a better world;

IX. Support the organisation of collective worldwide public STEM activities, wherever possible, to include observance of an annual international science centre and science museum day, consistent with intent of action item #7 of the Mechelen Declaration, but modifying in scope from an international year to an annual international day.

2018 Ecsite Annual Conference

Printed programme

Responsible Editor

Catherine Franche, Executive Director, Ecsite

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