

2017 Ecsite

Annual Conference



life EVERY

Programme

#Ecsite2017

The European conference
for science engagement

15 - 17 June 2017

Porto, Portugal

A ALFÂNDEGA
CONFERENCE CENTRE

P PALÁCIO DA BOLSA

B HALL OF
BIODIVERSITY
AND PORTO'S
BOTANICAL
GARDEN

H CITY HALL







M NATURAL HISTORY
AND SCIENCE
MUSEUM OF THE
UNIVERSITY
OF PORTO

PRE-CONFERENCE WORKSHOPS

ALFÂNDEGA CONGRESS CENTRE & THE HALL OF BIODIVERSITY









TUESDAY 13 JUNE

09:00 – 17:45

 ROOM 2	Thinking about learning – put your research glasses on! – Day 1
 ROOM 3	Developing and sharing “Space for life” resources – Day 1
 ROOM 4	Sea in the city
 ROOM 6	A common EU agenda for national networks and NCPs
 WHALE HALL	The research-informed facilitator – Day 1
 GARDEN ROOM	Making good museum games – Day 1
AT EACH VENUE	11:00 - 11:30 COFFEE BREAK
AT EACH VENUE	13:15 - 14:30 LUNCH BREAK
AT EACH VENUE	15:45 - 16:30 COFFEE BREAK

WEDNESDAY 14 JUNE










09:00 – 17:45

 ROOM 1	The research-informed facilitator – Day 2
 ROOM 2	Thinking about learning – put your research glasses on! – Day 2
 ROOM 3	Developing and sharing “Space for life” resources – Day 2
 ROOM 5	Developing tinkering activities
 ROOM 6	Social inclusion and diversity – from goodwill to institutional change
 WHALE HALL	Nature is back in town!
 GARDEN ROOM	Making good museum games – Day 2
AT EACH VENUE	11:00 - 11:30 COFFEE BREAK
AT EACH VENUE	13:15 - 14:30 LUNCH BREAK
AT EACH VENUE	15:45 - 16:30 COFFEE BREAK
 PORTO CITY HALL	18:30 - 19:30 SPEAKERS RECEPTION

CONFERENCE

ALFÂNDEGA CONGRESS CENTRE

THURSDAY 15 JUNE

		12:00 – 13:15	14:30 – 15:45	16:30 – 17:45
 COURTYARD	8:00 – 9:45 NEWCOMERS BREAKFAST			
 THE HALL OF LIFE	9:45 – 11:00 OPENING CEREMONY	What's new in touring exhibitions – 1	What's new in touring exhibitions – 2	Touring spectacular & ambitious exhibitions: how?
 ROOM 1		Universities and research bodies: specific public engagement?	Behavioural visitor research: new insights into learning	Life: controversial issues and biodiversity preservation
 ROOM 2		▲ The evolutionary genetics behind 'Life everywhere'	● Science centres and policymaking: a shared vision	Equity: are we reaching ▲ non dominant audiences & is it working?
 ROOM 3		● Providing inquiry-based learning experiences: how?	Try out hands - on gender activities	▲ How to communicate the future of science?
 ROOM 4		Engaging visitors from 'all walks of life': who, why and what's the benefit?	Bridging science and everyday life – reaching out to underserved communities	▲ Learning ecosystems and regional communities
 ROOM 5		Live specimens in science exhibitions	Architecture and design as interpretation – Part 1	Architecture and design as interpretation – Part 2
 ROOM 6		Is there life out there?	● Keeping it simple	Having fun with... classification
 ROOM 7		LGBT diversity in science: ▲ a value or an uncomfortable burden?	▲ Fake and 'bubble'? A new era for social media	Sustainable Development Goals: making us more relevant?
 MAKERSPACE		In conversation... ▲ Maker Spaces, featuring science capital	Tinkering with circuits – the next level	Recycling materials
 GAMELAB		Role playing games: a tool for dialogue	Test play: "The power of knowledge" game	Drop-in and play
		13:15 – 14:30 LUNCH BREAK	15:45 – 16:30 COFFEE BREAK	
 BUSINESS BISTRO	11:00 – 12:00 BUSINESS BISTRO OPENING			
 PALÁCIO DA BOLSA				19:30 – 00:00 GALA DINNER

CONFERENCE

ALFÂNDEGA CONGRESS CENTRE


FRIDAY 16 JUNE

	09:00 – 10:15	12:00 – 13:15	14:30 – 15:45	16:30 – 17:45
 THE HALL OF LIFE	▲ Science engagement in the post-truth context	Conversation with Alice Roberts	Hybrids: science centre – museum convergence	
 ROOM 1	Children have the power	▲ Working with very young audiences	▲ RRI: new collaborations for science communicators and researchers	The Ecsite Bookbistro – Let's start reading
 ROOM 2	Design & interpretation choices: three stories	Confessions – the seven small sins of science communication	Designing for all	● The Grand Bazaar
 ROOM 3	● 21st century skills: how to introduce them in your science centre	Measuring quality in informal science education	Hub therapy: working with different stakeholders	Picture it – Collective photo challenge
 ROOM 4	▲ Word-less – but not speechless	▲ Citizenship and participatory models of science engagement	Between knowledge and authenticity	Guerrilla marketing: how to go viral
 ROOM 5	A decade of European Researchers' Night: techniques & formats	Participating in large-scale public campaigns	Group therapy: I suffer from a love-hate relationship with visitors	▲ New edges of life: engaging audiences with the unknown
 ROOM 6	▲ Unleashing citizen contributions to "science for all"	▲ Tipping point: when exhibitions become experiences	How do you get visitors to talk to each other, and to others?	(R)evolution! Give natural history museums back to grown-ups!
 ROOM 7	▲ Touring troubles – the witchcraft of negotiation	New formats for public engagement	Immersive museum experiences	
 MAKERSPACE	Open studio at the MakerSpace	Storytelling with... circuits	Computational tinkering: a playful approach to code	Tinkering for party
 GAMELAB	Drop-in and play	To tech or not to tech – that is the question	Drop-in and play 15:45 – 16:30 PROJECT SHOWCASE	Augmented reality games – into a new dimension
 THE HALL OF LIFE	■ 10:30 – 11:30 KEYNOTE Alice Roberts			16:30 – 18:30 Ecsite Annual General Meeting
	11:30 – 12:00 COFFEE BREAK	13:15 – 14:30 LUNCH BREAK	15:45 – 16:30 COFFEE BREAK	
 BUSINESS BISTRO			▲ 16:30 – 17:45 Porto #LivingLabCities discovery tour	18:00 – 19:00 BUSINESS BISTRO HAPPY HOUR
 B HALL OF BIODIVERSITY & PORTO'S BOTANICAL GARDEN				20:00 – 00:00 NOCTURNE

CONFERENCE

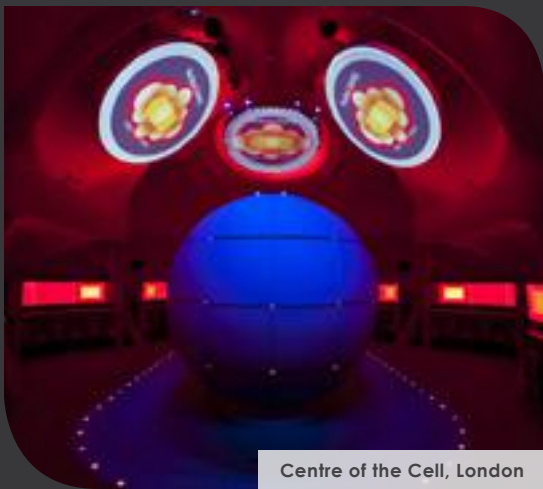
ALFÂNDEGA CONGRESS CENTRE

SATURDAY 17 JUNE

	09:00 – 10:15	12:00 – 13:15	14:30 – 15:45	16:30 – 17:45
THE HALL OF LIFE	Science engagement for social cohesion: integrating migrant communities	Conversation with Nina Simon	▲ Connecting science centres with formal science education	Designing for emotion: impact and evaluation
ROOM 1	Natural history: make a difference in local and global debates	▲ Digital strategies – get everyone on board	Science politics: how and when to take a stand	Open schools for open societies
ROOM 2	● Self-guided and facilitated learning tools for exhibitions	▲ The Facilitation Casebook: Sherlock Holmes investigates	Designing for gender diversity	▲ The Quintessential Pub Quiz
ROOM 3	● A new science centre: from vision to strategy to reality	Staying alive – the challenges of closing down & reopening	● The Final Countdown! Surviving the last six months before opening	The power of narrative storytelling
ROOM 4	● Fantasy characters as science mediators	Biotechnology in informal science environments	When art fertilizes science exhibitions	Cultivating local science communication talents
ROOM 5	Empowering growth and leadership	The half-life of European project content	Food: a gateway to science	▲ Fostering financial literacy
ROOM 6	● Misconceptions: how to debunk them	Cafés – more than good coffee	ISCSMD – marketing gag or impact boost?	Ecosystems for life long learning
ROOM 7	Not just money: new forms of partnerships	▲ Sustainability challenges: sharing best practice	Ocean plastic – how can science centres contribute to solutions?	Exhibits everyone ignores
MAKERSPACE	Training in tinkering: a new learning methodology?	Designing new tinkering activities: the process	Reflections on tinkering and making at the #Ecsite2017 MakerSpace	
GAMELAB	▲ Game: imagine the future of science centres	Drop-in and play	Drop-in and play	Drop-in and play
THE HALL OF LIFE	■ 10:30 – 11:30 KEYNOTE Nina Simon			■ 18:00 – 18:40 Closing & handover ceremony
	■ 11:30 – 12:00 COFFEE BREAK	■ 13:15 – 14:30 LUNCH BREAK	■ 15:45 – 16:30 COFFEE BREAK	
 NATURAL HISTORY AND SCIENCE MUSEUM OF THE UNIVERSITY OF PORTO				■ 21:00 – 02:00 FAREWELL PARTY



Science and Technology Gallery,
National Museum of Scotland, Edinburgh



Centre of the Cell, London




Science Museum London

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ALFÂNDEGA CONGRESS CENTRE

PRE-CONFERENCE 13 – 14 JUNE CONFERENCE 15 – 17 JUNE

Address

Edifício da Alfândega,
Rua Nova da Alfândega,
4050-430 Porto

GPS coordinates

41°08'35.9"N
8°37'17.0"W

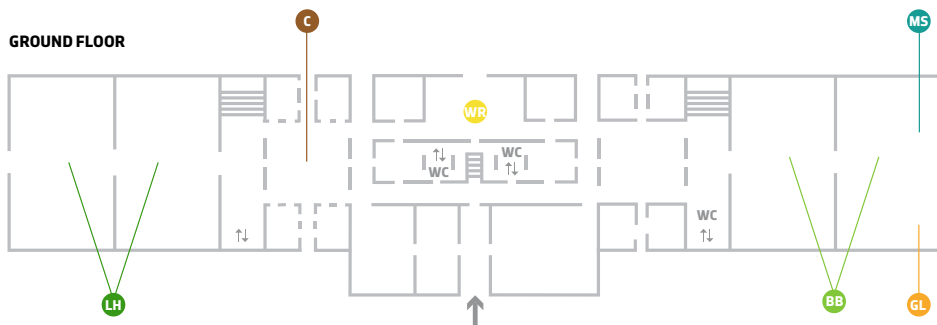
How to get there

Metro: São Bento
(20 min walking);
Bus: Stop Alfândega
500 (connection to Metro
São Bento), 1, 1M, ZM.

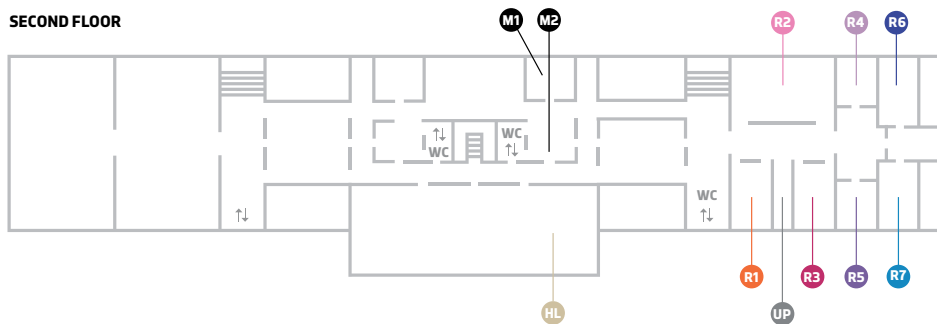
Wifi

network: ecsite
password: porto2017

GROUND FLOOR



SECOND FLOOR



WR WELCOME ROOM

R1 ROOM 1

R2 ROOM 2

R3 ROOM 3

R4 ROOM 4

R5 ROOM 5

R6 ROOM 6

R7 ROOM 7

UP UPLOAD ROOM

LH LUNCH HALL

BB BUSINESS BISTRO

MS MAKER SPACE

GL GAME LAB

C COURTYARD

HL HALL OF LIFE

M1 MEETING ROOM 1

M2 MEETING ROOM 2

↑↓ ELEVATOR

WC TOILETS

THE HALL OF BIODIVERSITY

PRE-CONFERENCE 13 – 14 JUNE

Address

Rua do Campo Alegre, 1191
4150-181 Porto

GPS coordinates

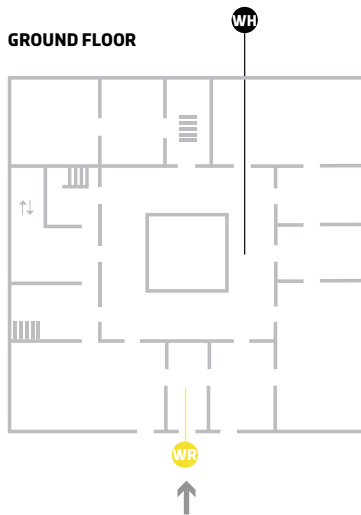
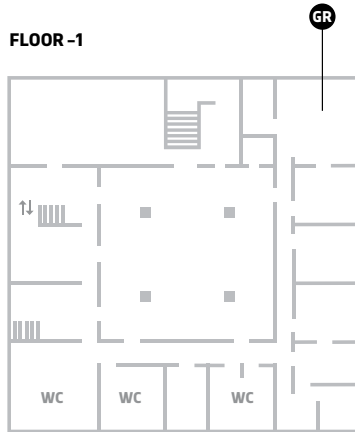
41°09'14.7"N
8°38'32.7"W

How to get there

Metro: Casa da Música
(25 min walking);
Bus: Stop Jardim Botânico
204 and 504 (connection
to Metro Casa da Música),
200, 207, 1M (to downtown)

Wifi

network: ecsite
password: porto2017

GROUND FLOOR**FLOOR -1**

WR WELCOME ROOM

GR GARDEN ROOM

WH WHALE HALL

↑↓ ELEVATOR

WC TOILETS

SUMMARY

5	GREETINGS	141	SUSTAINABILITY
6	WELCOME	147	PORTO MICRO GUIDE
9	LIFE EVERYWHERE	151	What to visit?
11	CONFERENCE HOSTS	155	Where to eat?
15	PROGRAMME	157	Where to go out at night?
19	Tuesday 13 June	158	Map
24	Wednesday 14 June	161	How to get around
31	Thursday 15 June	163	Around Porto
48	Friday 16 June	165	Ciência Viva Journeys
70	Saturday 17 June	169	ABOUT ECSITE
95	SPEAKERS AND CONVENORS		
101	BUSINESS BISTRO		
125	PRACTICAL INFORMATION		
126	Map		
129	Venues and social events		
139	Useful information		

CONFERENCE HASHTAGS

General: #Ecsite2017

Each room has its own hashtag as shown on each session page – use it together with #Ecsite2017 to allow conversations to flow easily!



GREETINGS

WELCOME



MICHEL BUCHEL

President of Ecsite
Director of NEMO Science Centre,
Amsterdam, Netherlands



CATHERINE FRANCHE

Executive Director of Ecsite,
Brussels, Belgium

It is our pleasure to welcome you to the largest meeting of science engagement professionals in Europe – the Ecsite Annual Conference. This 28th edition is co-organised by Ecsite and our local hosts, the Natural History and Science Museum of the University of Porto and the Ciência Viva network, renowned for the warmth of their welcome and the quality of their science engagement activities.

You have just joined 1,100+ professionals from 50 countries: science communicators, exhibition developers, facilitators, CEOs, academics, policy makers... Together you embody the Ecsite conference's special spirit of openness, generosity and boldness. The conference welcomes newcomers with open arms and returning participants like old friends. It is a congenial assembly, a trusted and honest arena to learn from each other's experiences, try out new tools and ideas, critically question ourselves and shape our field's future.

The success of the Ecsite conference also lies in its balanced programme, combining two days of in-depth pre-conference workshops, three days of main conference sessions, a busy Business Bistro trade fair, two spaces dedicated to tinkering and gaming and countless networking opportunities. Make the most of it! Cherry-pick from the programme's 100+ parallel sessions and workshops ranging from learning ecosystems to emotion-driven design; get inspired by our two thoughtful keynote speakers Nina Simon and Alice Roberts; meet new partners; enjoy the conference's brilliant social events in beautiful Porto... and nourish the community with your own ideas, skills and energy.

Let us thank the 400 speakers and convenors who will be sharing their ideas over the next few days, the 60+ exhibitors who will be presenting us with the latest trends at the Business Bistro, the dedicated Programme Committee who shaped this edition, the host teams who anticipated all our needs and wishes, the Ecsite members who make the very existence of this conference possible – and thank you too for being here. Now enjoy!

GOOD TO HAVE YOU HERE

Welcome to Porto, welcome to *life everywhere* – you will find it in the lively ambience of an Ecsite conference, in the house of a poet, in the unstoppable flow of a river, in the narrow streets of a vibrant town. After all, the theme of this years' conference is in itself a proclamation of the essence of life: openness, creativity and diversity.

Get ready for diversity, and not only of a living nature. We have put great care into preparing the conference's many networking opportunities and social events, with our Portuguese tradition of hospitality, creativity... and poetry. We invite you to a glamorous Gala Dinner on Thursday night at the exotic Stock Exchange Palace, a UNESCO World Heritage Site.

Why not network in the company of flowers? In the labyrinth of Porto's Botanical Garden, right next to poet Sophia Andresen's dark red mansion, now home to the Hall of Biodiversity, you will find camellias with the name of people. This comes from an old tradition of naming each new variety of camellia after someone we deeply love. If you pay due attention, you are very likely to bump into one of those camellias while promenading during the Nocturne festivities on Friday evening.

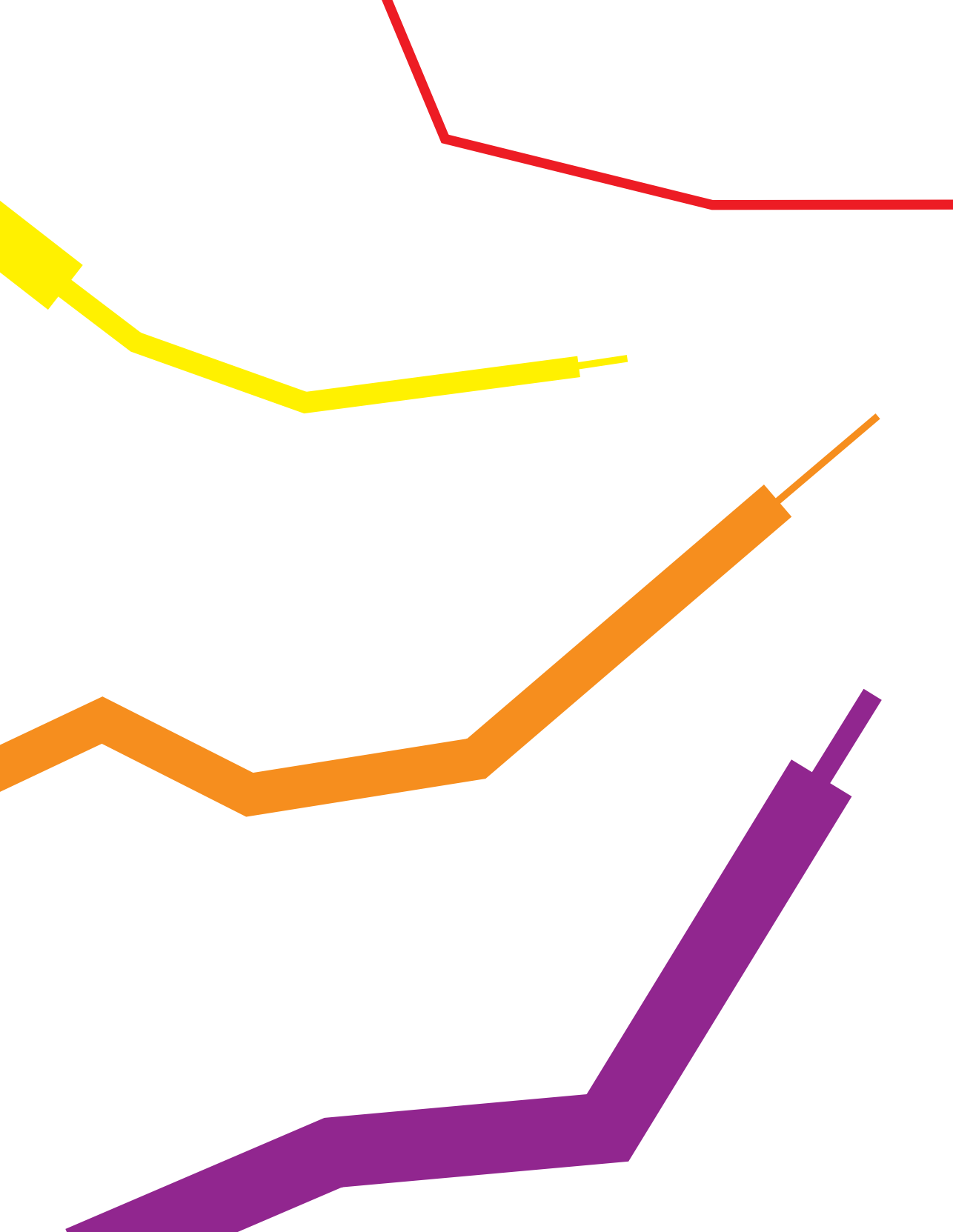
Everywhere you turn, in Porto, you will feel like walking into a living 19th century watercolour painting. And, yet, you will be deeply immersed in the liveliest discussions on contemporary science engagement. You could not find a more inspiring contrast. We hope you will take it back with you as an experience of a lifetime. Welcome.



ROSALIA VARGAS
President of Ciência Viva



NUNO FERRAND
Director of the Natural History
and Science Museum
of The University of Porto



 **life** EVERYWHERE

Life Everywhere is a celebration of life, a celebration of the extraordinary diversity of forms that have evolved on our planet for millions of years, a celebration of our existence. It also calls for the exploration of hot topics and pressing global challenges.

How is science engagement enlivening communities and sowing the seeds of global citizenship? What innovations are occurring in the “wild west” of our professional community? How can knowledge, art and culture drive us in the quest for life everywhere?



THE 2017 ECSITE CONFERENCE HOSTS

NATURAL HISTORY AND SCIENCE MUSEUM OF UNIVERSITY OF PORTO (MHNC-UP)

Formally established in 2015, the MHNC-UP's main mission is to disseminate knowledge about evolution, diversity and the confluence between the natural and cultural worlds, by focusing on three key lines of action: dissemination and outreach, conservation, and research, and standing at the intersection of arts and science.

A bipolar structure, the MHNC-UP has a core pole located in downtown Porto, harbouring historic geology, paleontology, zoology, archaeology and ethnography, herbarium and science collections; and another one comprising the Hall of Biodiversity – Centro Ciência Viva (CCV) and Porto's Botanical Garden.

The MHNC-UP's restructuring project, now underway in close collaboration with Ciência Viva, the Portuguese Agency for Scientific and Technological Culture, will allow a university museum with decades of history to be reborn as a contemporary museum-science centre hybrid. Based on a "total museology" philosophy, this new museum will tell stories about life, highlighting extraordinary objects and prominent historic figures.

CIÊNCIAVIVA



ciência viva
pavilhão do conhecimento



CIÊNCIA VIVA THE PORTUGUESE AGENCY FOR SCIENTIFIC AND TECHNOLOGICAL CULTURE

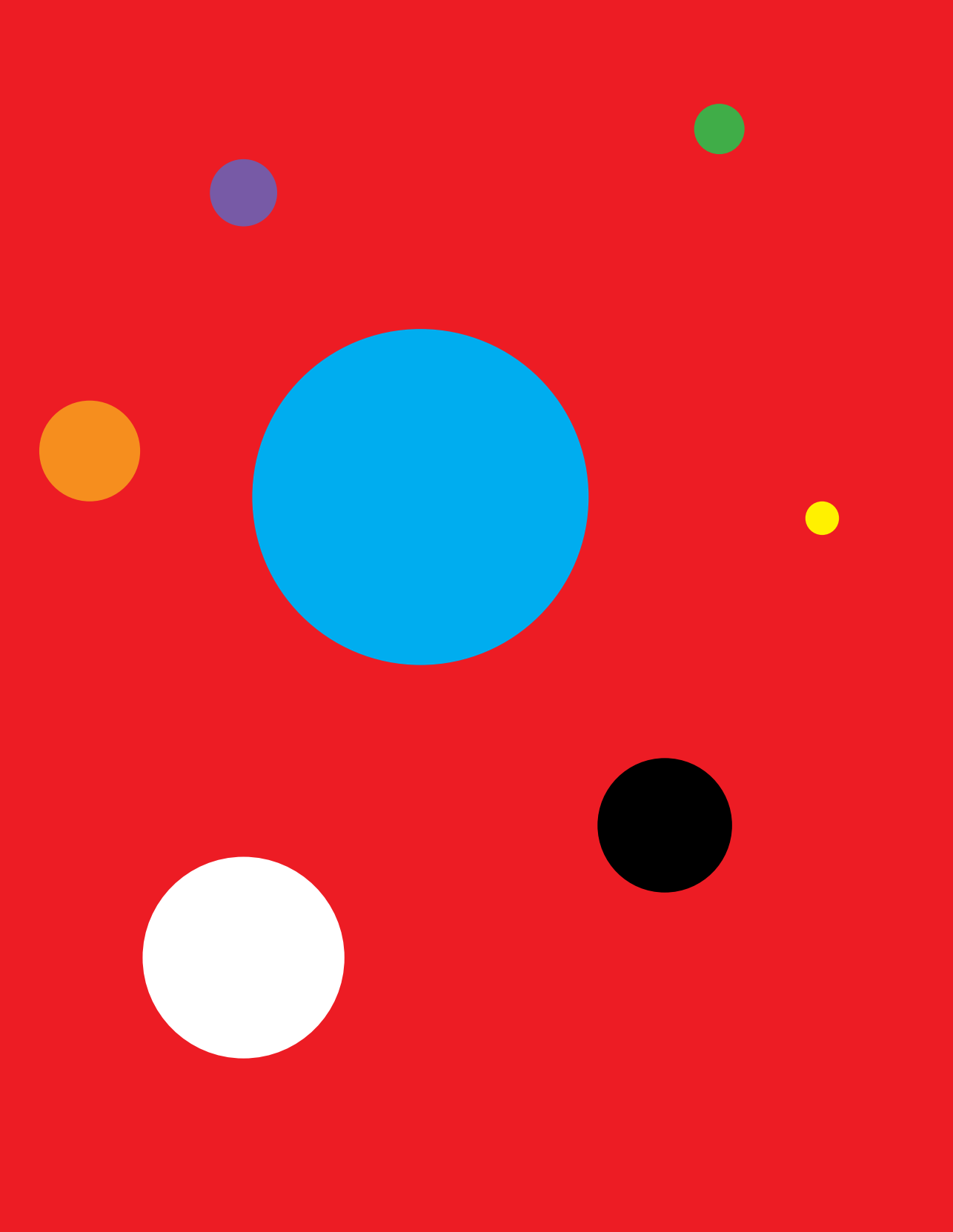
HOSTS

Ciência Viva is an association of leading research institutions, founded in 1996 to promote a more scientifically engaged society. Ciência Viva works closely with the scientific community to foster scientific culture, science education and active citizenship, with strong links to schools, higher education institutions, local authorities, major employers and civil society organisations.

With its headquarters at the Pavilion of Knowledge, in Lisbon, Ciência Viva is at the forefront of a network of 20 science centres (Centros Ciência Viva) connecting educators, business and local government with the science sector, resulting in the establishment of a cohesive community with deep roots in the regional culture and economy. Ciência Viva is a growing nationwide institution, expanding all across the country to deliver regional platforms for knowledge, development and innovation.



PROGRAMME



PROGRAMME

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

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 this inspiring speaker. Can't miss it.

A ROOM HASHTAG

If you're active on Twitter, use #Ecsite2017 and the hashtag of the room you're currently in. This allows fluid conversations – otherwise tweets from all parallel sessions are jumbled up together!



A SESSION FORMAT

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 a prominent speaker present their views for 45 minutes, followed by 15 minutes 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.

POSTER SHOWCASE: Quick-fire presentations about non-profit projects, using objects to tell the project's story.

PRE-CONFERENCE WORKSHOP: whole-day sessions, only on Tuesday and Wednesday. Participants 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...

PRE-CONFERENCE WORKSHOPS

THINKING ABOUT LEARNING – PUT YOUR RESEARCH GLASSES ON! – DAY 1

09:00 – 17:45

ROOM 2

PRE-CONFERENCE WORKSHOP #room2
RESEARCH, THEORY & EVALUATION, LEARNING

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.

This pre-conference focuses on the burning questions of our sector. We all have our own perspectives on learning, and so do our institutions. These perspectives influence the choices we make and how we define and value indicators for success. In this pre-conference we will discuss such choices and focus on research and evaluation that are connected to our burning questions. Expect workshops, a 'learning-battle', lots of good examples from museums and science centres and a special keynote by Prof. Dr. Doris Lewalter who will talk about her research, examining how out-of-school learning environments can support learning and motivation in secondary schools. Together we will create a 'burning question wall' and discuss how can we address these questions, especially if we're not experienced researchers. Part of this pre-conference is organised with The Facilitation Group. We will work together on the value of the research-informed facilitators and how to include them in research and evaluation as key members of a community of practice.

CONVENORS

Jennifer DeWitt, Researcher, King's College London, London, United Kingdom

Marjelle van Hoorn, Association Manager & Chair of REV, VSC Association of Science Centers and Science Museums, Amsterdam, The Netherlands, @sciencemuseums

SPEAKERS

Anne Mæland, Science communicator, VilVite, Bergen Vitensenter AS, Bergen, Norway

Welmoet Damsma, Learning Officer and Trainer, Naturalis Biodiversity Center, Leiden, The Netherlands

Roy Schedler, Head Marketing and Partnerships, Swiss Science Center Technorama, Winterthur, Switzerland

Ilona Ilowiecka-Tańska, Head of the Research Department, Copernicus Science Centre, Warsaw, Poland

Doris Lewalter, Professor Technical University Munich, Munich, Germany

Nils Petter Hauan, Head of Development, VilVite, Bergen Vitensenter AS, Bergen, Norway

DEVELOPING AND SHARING “SPACE FOR LIFE” RESOURCES – DAY 1

09:00 – 17:45

ROOM 3

PRE-CONFERENCE WORKSHOP

#room3

SCIENCE ♥ SOCIETY

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.

Participants will have the possibility to exchange with experts in the field, hear about the latest developments in European space research and work together on a set of resources currently being developed by the Ecsite Space Group on the topic “Space for life”, which will ultimately be made available to the whole science engagement community. These pilot projects will result in ready-to-use exhibitions, workshop plans, catalogues of resources, and much more, and revolve around three themes: “Is there life out there?”, “The International Space Station: Living and Working in Space” and “Climate change: Monitoring the atmosphere and oceans from space”. Representatives of ESA, the Portuguese FCT (Fundação para a Ciência e a Tecnologia – Space Office) and national space industries will join the workshop.

CONVENORS

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

Maria Menendez, Head of Corporate Exhibitions and Events, European Space Agency – ESA, Paris, France (also speaker)

Marc Moutin, Exhibitions, Shows and Development Director, Cité de l'espace, Toulouse, France (also speaker)

SPEAKERS

Robert Meisner, Earth Observation and Communication Programme Officer, European Space Agency – ESA/ESRIN, Frascati, Italy

Jose Antonio Gordillo Martorell, Science Communicator, Ciutat de les Arts i les Ciències – Museu de les Ciències Príncep Felipe, Valencia, Spain, @cityartsscience

Monica Talevi, Head of Coordination & Outreach Unit, European Space Agency – ESA/ESTEC, Noordwijk, The Netherlands

Fiorella Coliolo, Scientific Communication Officer, European Space Agency – ESA, Paris, France

Aude Lesty, Exhibitions Designer, Cité de l'espace, Toulouse, France

Tina Ibsen, Head of Science and Outreach, Tycho Brahe Planetarium, Copenhagen, Denmark, @Tina_Ibsen

Maria Zolotonosa, Senior Project Manager, Ecsite, Brussels, Belgium

Rebecca Barnes, ESA Communication, Outreach and Education Group, European Space Agency – ESA/ESTEC, Noordwijk, The Netherlands

Luís Serina, Coordinator of the Fundação para a Ciência e a Tecnologia (FCT) Space Office, Ministry of Science, Technology and Higher Education, Lisbon, Portugal

Emmet Fletcher, Communications Officer, European Space Agency – ESA/ESAC, Villafranca del Castillo, Spain

Emily Baldwin, Senior Science Editor, European Space Agency – ESA/ESTEC, Noordwijk, The Netherlands

SEA IN THE CITY

09:00 – 17:45

ROOM 4

PRE-CONFERENCE WORKSHOP

#room4

LEARNING, SCIENCE ♥ SOCIETY

Sea is everywhere in our daily lives and yet many people have no idea how vital and indispensable our relationship with the seas and oceans is. This disconnection results in dire consequences for the marine ecosystems, aquatic life and eventually all life on the planet. To cultivate a better relationship with the seas and the ocean we need to improve the understanding of our influence on the ocean and vice versa, as shown by the “Sea for Society” Europe-wide consultation. In line with the Mechelen Declaration, science centres and museums have an important role to play in helping citizens to make informed decisions in their everyday lives – for instance by improving the level of ocean literacy in our society. The programme of this one-day workshop will offer a mix of theory and practice including hands-on, interactive sessions. The workshop will, among others, emphasize the latest advancements in the field of Responsible Marine Research and Innovation (MARINA project) and Ocean Literacy (Sea Change project). It will establish a solid scientific ground for a widespread improvement of our relationship with the ocean; and it will serve as a platform for discussion about the existing experience and practice while generating new ideas and offering practical examples on how to increase ocean literacy in our society.

CONVENORS

Tomas Rehacek, Project Manager, Ecsite, Brussels, Belgium

SPEAKERS

Laura Guimarães, Principal Investigator, CIIMAR – Centro Interdisciplinar de Investigação Marinha e Ambiental, Matosinhos, Portugal

Jon Parr, Deputy Director, Marine Biological Association, Plymouth, United Kingdom

Xenia Theodotou Schneider, Managing Director, XPRO Consulting Limited, Nicosia, Cyprus

Raquel Lorenz Costa, Marine education project manager, EMEPC, Lisbon, Portugal

Isabel Sousa Pinto, Director of Coastal Biodiversity Lab, Ciimar and University of Porto, Porto, Portugal

Alexandre Nieuwendam, Project Manager, Pavilion of Knowledge (Pavilhão do Conhecimento) – Ciência Viva, Lisbon, Portugal, @ANieuwendam

Helin Haga, Coordinator of External Funding, AHHA Science Centre Foundation, Tartu, Estonia

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

Francisco Franco del Amo, Technical Manager, Aquarium Finisterrae, A Coruña, Spain

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

A COMMON EU AGENDA FOR NATIONAL NETWORKS AND NCPS

09:00 – 17:45

ROOM 6

PRE-CONFERENCE WORKSHOP #room6
STRATEGY & VISION, SCIENCE ♥ SOCIETY

National networks of organisations and professionals connecting people to science play an increasingly key role in Europe. This pre-conference aims at bringing these networks together to foster a strategic alliance for a common EU Agenda. An alliance of national networks will open unprecedented avenues for interaction, with obvious advantages, namely a stronger voice regarding EU governance, enhanced opportunities for professional exchange programmes and a wider participation in Ecsite. The second group involved in this workshop are NCPS, National Contact Points put in place by the European Commission to provide guidance on the Horizon 2020 funding programme.

CONVENORS

Didier Michel, Director, Amcsti, Paris, France, @didmichel
Carlos Catalão Alves, Board Member, Pavilion of Knowledge (Pavilhão do Conhecimento) – Ciência Viva, Lisbon, Portugal, @CatalaoAlves

SPEAKERS

Anne-Sophie Gallou, Horizon 2020 Science with and for Society National Contact Point, Amcsti, Paris, France, @amcsti / @asgallou
Marisa Borges, NCP H2020, SiS.Net – FCT, Lisbon, Portugal
António Gomes da Costa, Independent Consultant - Science Communication and Education, António Gomes da Costa – Comunicação em Ciencia Unipessoal Ida, Lisbon, Portugal
Catherine Franche, Executive Director, Ecsite, Brussels, Belgium

THE RESEARCH-INFORMED FACILITATOR – DAY 1

09:00 – 17:45

WHALE HALL

PRE-CONFERENCE WORKSHOP #wh
EXPLAINERS & VISITOR SERVICES, LEARNING

This workshop is organised by the Ecsite thematic group dedicated to building a community for all staff who deliver learning experiences within a museum, the Facilitation Group.

As our museums and science centres continue to evolve, so too must the roles and responsibilities of those who work within them. In order to craft deeper and more meaningful experiences with our visitors and understand the impacts these may have, our facilitators need to become savvy consumers and creators of learning research.

In our two-day pre-conference we will explore the notion of the research-informed facilitator. We will suggest an alternative way to view the traditional facilitator, as well as look at new research findings and practical techniques associated with facilitation. Our international experts will present the key issues faced by merging the worlds of research and practice, and introduce discussions on what this means for museum and science centres. Time will be dedicated for capturing participants' responses and ideas, with 'views from the floor' forming a key part of the discussion. Finally, part of the pre-conference will also be organised with Ecsite's Research and Evaluation Group (REV). We will work together on the value of the research-informed facilitator, merging our communities of practice.

CONVENOR

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

SPEAKERS

Effrosyni Nomikou, Research Associate, King's College London, London, United Kingdom
Kevin Crowley, Professor, University of Pittsburgh, Pittsburgh, United States
Marjelle van Hoorn, Association Manager & Chair of REV, VSC Association of science centers and science museums, Amsterdam, The Netherlands, @sciencemuseums
Heather King, Research Fellow, King's College London, London, United Kingdom
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

Caution: this workshop takes place at the Hall of Biodiversity – Porto Botanical Garden on Tuesday 13 June and then at the Alfândega Congress Centre on Wednesday 14 June.

MAKING GOOD MUSEUM GAMES – DAY 1

09:00 – 17:45

GARDEN ROOM

PRE-CONFERENCE WORKSHOP #gr
STRATEGY & VISION, SCIENCE ♥ SOCIETY

A two day pre-conference workshop intended to bring together game makers and organisations interested in unleashing the power of games and play into their public spaces. Organised by the team who will be running the GameLab – the space specifically dedicated to games – during the main conference's three days. Life Everywhere = Games Everywhere. We will show how games can be used to diversify and extend participation. The workshop will be taking place at the Hall of Biodiversity of the Natural History and Science Museum of the University of Porto. Working in teams, participants will create games based on challenges presented by the museum. They will go through the whole development cycle, from site visit to concept to test and iterations... Games developed during the pre-conference will be further tested at the GameLab during the main conference, and presented in situ in the Hall of Biodiversity when all participants meet there for the Nocturne on Friday 16 June.

CONVENORS

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

SPEAKERS

Ran Peleg, Curriculum Developer and Project Manager, Weizmann Institute of Science, Rehovot, Israel

Sigurd Hunstad, Pedagogy Developer, Vitenparken, Oslo, Norway

Malka Yayon, Chemistry Teacher and Trainer, Katzir High School and Weizmann Institute of Science, Rehovot, Israel

Daniela De Angeli, Research engineer, University of Bath; National Trust, Bath, United Kingdom

Lizzy Bakker, Content Strategy and Development, NorthernLight Design, Amsterdam, The Netherlands

John Sear, Games Designer, Museum Games, Birmingham, United Kingdom, @MrJohnSear

Marc Jamous, Multimedia producer, Unverscience, Paris, France

Daniel Rosqvist, Science Center Manager, Tom Tits Experiment, Stockholm, Sweden

THE RESEARCH-INFORMED FACILITATOR – DAY 2

09:00 – 17:45

ROOM 1

PRE-CONFERENCE WORKSHOP #room1
EXPLAINERS & VISITOR SERVICES, LEARNING

This is the second half of a two-day workshop – see detailed description in the Tuesday 13 June section of the programme.

Caution: this workshop takes place at the Hall of Biodiversity – Porto Botanical Garden on Tuesday 13 June and then at the Alfândega Congress Centre on Wednesday 14 June.

DEVELOPING AND SHARING “SPACE FOR LIFE” RESOURCES – DAY 2

09:00 – 17:45

ROOM 3

PRE-CONFERENCE WORKSHOP #room3
SCIENCE ♥ SOCIETY

This is the second half of a two-day workshop – see detailed description in the Tuesday 13 June section of the programme.

THINKING ABOUT LEARNING – PUT YOUR RESEARCH GLASSES ON! – DAY 2

09:00 – 17:45

ROOM 2

PRE-CONFERENCE WORKSHOP #room2
RESEARCH, THEORY & EVALUATION, LEARNING

This is the second half of a two-day workshop – see detailed description in the Tuesday 13 June section of the programme.

MAKING GOOD MUSEUM GAMES – DAY 2

09:00 – 17:45

GARDEN ROOM

PRE-CONFERENCE WORKSHOP #gr
SCIENCE ♥ SOCIETY, LEARNING

This is the second half of a two-day workshop – see detailed description in the Tuesday 13 June section of the programme.

DEVELOPING TINKERING ACTIVITIES

09:00 – 17:45

ROOM 5

PRE-CONFERENCE WORKSHOP

#room5

LEARNING

Many museums now have spaces for tinkering. Once these environments are built, how do you develop activities for them? This process includes borrowing activities and tweaking them to fit the specific needs of different settings. Often a single exploration of a phenomenon can lead to a wide range of approaches. While environment and culture may influence the process of design, it's important to identify the learning values and make sure not to lose the essence of the activity and what makes it a tinkerable experience. Prototyping, reflecting and sharing activities can help us keep track of the changes, successes and challenges.

In this workshop we'll take a deep dive into an established tinkering activity and use the experience as a learner to reflect on its value. Session leaders will share expertise on sustainable and familiar materials choices; ways of organising the design process; and strategies for testing and evaluation. We'll share several takes on a common theme and allow participants to try out these explorations. We'll leave time to reflect together on how we can take these ideas back to our museums.

CONVENOR

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

SPEAKERS

Jessica Stanley, Researcher, Science Gallery, Trinity College, Dublin, Ireland, @jessicagstanley

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

Hiljanne van der Meer, Programme developer, NEMO Science Museum, Amsterdam, The Netherlands, @hiljanne

Samar D. Kirresh, Senior Researcher, A. M. Qattan Foundation, Ramallah, Palestinian Territory

Elisabeth Rebekka Killie Kanebog, Educator, Nordnorsk vitensenter, Tromsø, Norway

Meie van Laar, Senior project manager education, Science Learning Center, NEMO Science Museum, Amsterdam, The Netherlands, @meiegeerlings

SOCIAL INCLUSION AND DIVERSITY – FROM GOODWILL TO INSTITUTIONAL CHANGE

09:00 – 17:45

ROOM 6

PRE-CONFERENCE WORKSHOP

#room6

EQUITY & INCLUSION, STRATEGY & VISION

At the 2016 Ecsite Annual Conference our community was challenged by keynote speaker Liz Rasekoala on how (poorly) science museums and science centres deal with inclusion, diversity and equity issues. An international working group has since been following up the idea of devising a “social inclusion and diversity framework” with measurable indicators for success that could support the development of our field.

In this workshop, we want to explore how we can make the leap from goodwill to institutional change, embedding social inclusion, diversity and equity in all aspects and areas of our organisations. The workshop is aimed at a diversity of participants from any institutional department (management, content development, facilitation, marketing, etc.) who are willing to explore and drive these issues forward.

Institutional change on diversity, equity and inclusion may feel like “eating an elephant”. Where to start? The pre-conference day will inspire participants to take up the challenge, providing understanding, confidence and tools. It will be facilitated by members of the working group and invited experts.

CONVENOR

Barbara Streicher, Executive Manager,
Science Center Netzwerk, Vienna, Austria, @b_streicher

SPEAKERS

Maria Vlachou, Executive Director,
Access Culture, Almada, Portugal

Elizabeth Rasekoala, President, African Gong – the Pan-African Network for the Popularisation of Science & Technology, and Science Communication, South Africa

Vanessa Mignan, Head of Education and Public Engagement, TRACES / Espace des Sciences Pierre – Gilles de Gennes, Paris, France, @GroupeTraces

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

Matteo Merzagora, Director, TRACES / Espace des Sciences Pierre-Gilles de Gennes, Paris, France, @happymerZ

NATURE IS BACK IN TOWN!

09:00 – 17:45

WHALE HALL

PRE-CONFERENCE WORKSHOP

#wh

SCIENCE ♥ SOCIETY, STRATEGY & VISION

This workshop is organised by the Ecsite Nature Group, a thematic group that brings together professionals and institutions who engage audiences with nature. Urban nature is about the city as a habitat – for humans, animals and plants. The majority of Europe’s population now lives in cities, and this is where many get their great nature experiences. Cities have a huge potential for species that would otherwise have a hard time. Museums and science centres can in many ways support research and creative expressions focusing on bringing nature back into our consciousness, language and creativity.

“Cities and nature” is like a book. There are stories about buildings, and urban development, there are stories about life and recreation, stories about bees, butterflies, birds and wildflowers. Urban nature can help us exploit the large potential of nature in the city and expand the creative sector’s horizon.

CONVENORS

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

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

Henrik Sell, Deputy Director, Natural History Museum, Aarhus, Denmark

SPEAKERS

Josefina Enfedaque, Officer of the European Commission from DG Research and Innovation, European Commission, Brussels, Belgium

Martin Drenthen, Associate Professor Environmental Philosophy, Radboud University, Nijmegen – Institute for Science, Innovation and Society, Nijmegen, The Netherlands, @Martin_Drenthen

Paulo Farinha Marques, Landscape Architect, University of Porto, Porto, Portugal

Filipa Guilherme, Research Assistant, University of Porto, Porto, Portugal

Humberto Delgado Rosa, Director for Natural Capital, DG Environment, European Commission, Brussels, Belgium

SPEAKERS' RECEPTION

18:30 – 19:30

THE CITY HALL

SOCIAL EVENT

Open to all pre- and main conference speakers and convenors. Receive a warm welcome from Porto representatives, conference hosts and Ecsite. Enjoy a drink and mingle with other speakers. The reception will be hosted at the City Hall. The building is considered a masterpiece of neoclassical architecture and stands as one of the most imposing town halls in the country. Its facade depicts traditional activities associated to the city of Porto and a visit to its interior provides a pleasant and rewarding journey through the arts and tradition of “Portuense” culture.

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

Dress code: smart casual

Where next after the reception? Check the Porto Micro Guide at the end of this Programme for local tips.

More information on page 132

CONFERENCE PROGRAMME

NEWCOMERS' BREAKFAST

08:00 – 09:45

COURTYARD

SOCIAL EVENT

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 three hectic conference days and an opportunity to start building your network.

Advanced online booking only.

OPENING CEREMONY

09:45 – 11:00

THE HALL OF LIFE

#hl

Welcome to the conference's official start. Speeches by officials, host and Ecsite representatives will be combined with musical interludes. And... the winners of the 2017 Mariano Gago Ecsite Awards will be revealed!

SPEAKERS

Sebastião Feyo de Azevedo, Rector, University of Porto, Portugal

Rosalía Vargas, President, Pavilion of Knowledge (Pav. do Conhecimento) – Ciência Viva, Lisbon, Portugal

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

Michiel Buchel, President of Ecsite & CEO of NEMO Science Museum, Amsterdam, The Netherlands

Catherine Franche, Executive Director of Ecsite, Brussels, Belgium

Manuel Heitor, Minister of Science, Technology and Higher Education, Portugal

MARIANO GAGO ECSITE AWARDS

Sharon Ament, Chair of the Jury of the Mariano Gago Ecsite Awards and Director of the Museum of London, United Kingdom

WHAT'S NEW IN TOURING EXHIBITIONS – 1

12:00 – 13:15

THE HALL OF LIFE

TRAVELLING EXHIBITIONS

#hl

EXHIBIT DEVELOPMENT

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.

CONVENOR

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

SPEAKERS

Julie Becker, Communications and Events Manager, Ecsite, Brussels, Belgium, @museoju **Rob Warren**, Global Touring Manager, Science Gallery International, Dublin, Ireland

Hélène Wang, Traveling Exhibitions Product Manager, Universcience, Paris, France **Matthew Heenan**, Global Business Development, American Museum of Natural History, New York, United States, @mattpaheenan **Domingo Escutia**, Project Manager, Parque de las Ciencias, Granada, Spain, @DoEsMu

Nina Langlie, Touring Exhibitions Partnerships Manager, Science Museum Group, London, United Kingdom **Melanie Wunsch**, Exhibition Manager, Stiftung Neanderthal Museum, Mettmann, Germany **Soraia Salvador**, Exhibition Partnerships Manager, Natural History Museum, London, United Kingdom **Debbie Donohue**, VP of Exhibitions, Imagine Exhibitions, Atlanta, United States **Daniel Bányi**, Sales Manager, Kaleido Entertainment Ltd., Budapest, Hungary

Katerina Chabova, Manager for VIP partners, Touring Exh. Manager, Techmania Science Center, Pilsen, Czech Republic **Michael Bradke**, Director and Driver, Mobiles Musik Museum, Düsseldorf, Germany **Julie Leclair**, Director, Travelling Exhibitions, Canada Science and Technology Museums Corporation, Ottawa, Canada, @JulieCSTMC

Alex Susanna, CEO, Expona, Bolzano, Italy **Lisa O'Keefe**, Director, Partner Development, GES Events, United States **Agapios Grigoriadis**, Manager, Agt Euroevents Ltd, Managing Company of "Ancient Greek technology" Traveling Exhibition of the Museum k. Kotsanas, Nicosia, Cyprus

UNIVERSITIES AND RESEARCH BODIES: SPECIFIC PUBLIC ENGAGEMENT?

12:00 – 13:15

ROOM 1

REVERSE

#room1

SCIENCE ♥ SOCIETY, STRATEGY & VISION

There are 22 Universities/Research Bodies (U/RB) in the Ecsite network, out of 374 members, with only 7 universities. Outreach is a not-to-be-denied assignment for universities. But in a day to day practice “science dissemination and information” will never come first.

Welcome to this session if collaboration, interaction and synergies with universities are on your agenda. Clearly, U/RB have real strengths: privileged access to students, proximity with researchers and teachers “from the inside”, access to a wealth of scientific disciplines, unique historic collections... But at the same time they may look like ugly ducklings, with a lack of facilities to welcome large audiences, seemingly narrow strategies and financial opportunities, or administrative rigour. Why should U/RB invest in science dissemination and citizen activities? Let’s explore the following questions: 1) Can collaboration between research institutions and science centres blur the frontiers between production and sharing of knowledge? 2) How can we effectively train researchers and students for science dissemination? 3) Can science communication and institutional branding work together effectively? 4) How do science communication and informal science education overlap?

CONVENOR

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

SPEAKERS

Gudrun Bachmann, Head of Public Science Communication Projects, UniSci/Visindasmidjan, Reykjavik, Iceland

Dubravka Vejnovic, Expert Associate at Center for the Promotion of Science, Belgrade, Serbia

Pedro Pombo, Director, Fábrica Science Centre, Aveiro, Portugal

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

Lynn Scarff, Director, Science Gallery, Trinity College, Dublin, Ireland

Jamie Bell, Project Director, Center for Advancement of Informal Science Education (CAISE), Washington D.C., United States, @jbellcaise

Matteo Merzagora, Director, TRACES/ Espace des Sciences Pierre-Gilles de Gennes, Paris, France, @happymmerz

Bart Van de Laar, Head of department, Science LinX – University of Groningen, Groningen, The Netherlands

THE EVOLUTIONARY GENETICS BEHIND 'LIFE EVERYWHERE'

12:00 – 13:15

ROOM 2

LECTURE

RESEARCH THEORY & EVALUATION

#room2

▲ EDGY

Enjoy a little “pure science” with Pr. Nuno Ferrand, Director of one of the conference’s host organisations, the Natural History and Science Museum of the University of Porto (MHNC-UP) and Full Professor at the Department of Biology of the Faculty of Sciences, University of Porto, where he teaches genetics and evolution. Expect great storytelling involving rabbits, corn, art and science. Pr. Ferrand is interested in evolutionary biology, particularly in genetic diversity patterns of natural populations, ecology, conservation, domestication and speciation. He is currently leading a profound restructuring operation to redevelop several museums in Porto focused on an innovative museographic philosophy, in partnership with the Portuguese National Agency for Scientific and Technological Culture – Ciência Viva.

SPEAKER

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

PROVIDING INQUIRY-BASED LEARNING EXPERIENCES: HOW?

12:00 – 13:15

ROOM 3

WORKSHOP

LEARNING EXHIBIT DEVELOPMENT

#room3

● FOUNDATIONS

Learning is an active process; gaining any knowledge by yourself is favourable. This fits museums / science centres, too. Inquiry-based learning provides our organisations with a didactic approach that activates, motivates and enhances learning. This approach can stimulate scientific literacy and promote respect and love for living things and nature. Inquiry-based learning starts with wonderment and curiosity, something that museums / sciences centres provide with abundance. But then how do you let visitors do their own investigation? Following the entire inquiry cycle takes time and a great deal of guidance, which are often in short supply during a visit. So in which way can museums/science centres provide a real inquiry-based learning experience? In this workshop, we show different ways of working in an inquiry-based manner: within exhibitions, during educational activities and outside our walls. As a participant, you will be able to choose three of five possible mini-workshops, in which you are invited to bring your own ideas and experience and reflect with others.

CONVENOR

G rard Cobut, Head of Exhibition Development, Royal Belgian Institute of Natural Sciences, Brussels, Belgium

SPEAKERS

Dean Veall, Learning and Access Off, Grant Museum of Zoology, UCL Culture, London, United Kingdom., @deanveall

Pierre Coulon, Operational Director Public Program, RBINS, Brussels, Belgium

Karen Wilkinson, Director, The Tinkering Studio, Exploratorium, San Francisco, United States., @TinkeringStudio

Krista Leusink, Content Developer and Educator, Naturalis Biodiversity Center, Leiden, The Netherlands, @Krisaardvarken

Rooske Franse, Senior Project Manager Education, NEMO Science Museum, Amsterdam, The Netherlands

ENGAGING VISITORS FROM 'ALL WALKS OF LIFE': WHO, WHY AND WHAT'S THE BENEFIT?

12:00 – 13:15

ROOM 4

PANEL

#room4

EQUITY & INCLUSION, RESEARCH, THEORY & EVALUATION

Our visitors bring life into our science centres and museums. Many organisations are working to diversify their audience through inclusive programming and ways of working. How do we decide who we should work with? What is the benefit of encouraging people from 'all walks of life' to visit? This panel session will look at how and why we choose the audience groups we want to work with and what methods we can use to measure the 'mutual benefits' that such work can have, on both the communities we work with and the institution itself. A range of examples will be presented, involving visitors with autism; migrant and refugee communities; visitors from BAME communities; clinicians and patients from a psychiatric hospital. Presentations will focus on why our institutions are targeting these communities, evaluation methods used to assess the impact and benefits of working with these underrepresented groups and discussion around emerging research findings from each project.

CONVENOR

Christopher Whitby, Senior Audience Advocate (Learning), Science Museum Group, London, United Kingdom

SPEAKERS

Lauren Souter, Senior Audience Researcher, Science Museum Group, London, United Kingdom

Inês Oliveira, Department for Education and Scientific Culture – Director, Pavilion of Knowledge (Pavilhão do Conhecimento) – Ciência Viva, Lisbon, Portugal

Heidrun Schulze, Project Manager, Science Center Netzwerk, Vienna, Austria

Marie Hobson, Learning and Audience Research Manager, Natural History Museum, London, United Kingdom, @mchobson

LIVE SPECIMENS IN SCIENCE EXHIBITIONS

12:00 – 13:15

ROOM 5

WORKSHOP

#room5

EXHIBIT DEVELOPMENT STRATEGY & VISION

In this workshop, you will go on a speeddate with life and select the perfect match for your science zoo. Life is a complex 'thing': it can grow, fight, dance around. It's majestic, complex, and all around. But can we include living things in science exhibitions? In this, science centres face a challenge. They often treat life as a topic, but living things are mostly absent from science centres, despite the powerful impact living organisms can have on visitors. Their focus is often on more hands-on-activities and visitor-"action" – which seems difficult to achieve with living things. Which role can living things play in a hands-on environment? In this session, three speakers will break the ice by sharing their experiences with science exhibitions on the topic of life. We will then go on a speed date with different organisms, each contending to be part of an exhibition. Each organism will be tested on its suitability for display and we will generate ideas on how to show its best and most lively side. We will finally fit the organisms starring in the exhibition on a floor plan – those lively enough to get the 'swipe right'.

CONVENOR

Steven Schaecken, Director, NorthernLight Design, Amsterdam, The Netherlands, @northernlightnl

SPEAKERS

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

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

Christian Sichau, Director Exhibition Development, experimenta, Heilbronn, Germany

IS THERE LIFE OUT THERE?

12:00 – 13:15

ROOM 6

PANEL

#room6

SCIENCE ♥ SOCIETY, EXHIBIT DEVELOPMENT

Life is everywhere on Earth. Living organisms are found from the poles to the equator, from the bottom of the sea till high in the air, from freezing waters to dry valleys or thermal vents deep below the ocean surface. Since life on Earth is so common and resistant to extreme environments, we think that extraterrestrial lifeforms, such as micro-organisms, are very likely to exist in the Solar System and throughout the universe. Mars is a candidate and also the icy moons of Jupiter and Saturn, which have liquid oceans under the icy surface. We found the chemical building blocks of life everywhere in the Solar System and throughout the universe. We even found dozens of potentially habitable planets orbiting other stars. Several current and planned missions, earthbound and from space, are up to search for signs of life, intelligent and bacterial. Scientists expect to find alien life within a decade. What will be the impact on our lives, our understanding of evolution, our religions, our place in the universe? As SF-author and inventor Arthur C. Clarke stated in the 1940s: "Two possibilities exist: either we are alone in the Universe or we are not. Both are equally terrifying".

CONVENOR

Rob van den Berg, Director, Space Expo, Noordwijk, The Netherlands, @robvdberg

SPEAKERS

Daniel F. M. Folha, Executive Director of Porto's Planetarium, Ciência Viva, Porto, Portugal
Jose Antonio Gordillo Martorell, Science Communicator, Ciutat de les Arts i les Ciències – Museu de les Ciències Príncep Felipe, Valencia, Spain, @cityartsscience
Marc Moutin, Exhibitions, Shows and Development Director, Cité de l'espace, Toulouse, France

LGBT DIVERSITY IN SCIENCE: A VALUE OR AN UNCOMFORTABLE BURDEN?

12:00 – 13:15

ROOM 7

PANEL

#room7

EQUITY & INCLUSION, SCIENCE ♥ SOCIETY ▲ EDGY

In the media, the arts and art museums, sexual diversity is discussed, celebrated and highly visible; in science, science centres and museums, it is largely taboo. Silencing conversations about sexual equality means silencing also those about power and discrimination. Those who make a career in STEM often hide or deny their sexual identity in the workplace, affecting their stress levels and performance. It is difficult to find openly LGBT scientists and researchers; unlike other fields such as the media and the arts, LGBT people tend to be invisible in science. As a result, for many young LGBT people, STEM is seen as a discriminatory or even hostile field. What can science centres do to change this situation and make diversity a value for STEM, rather than a burden? To stimulate the discussion, the session will also feature extracts from "Queering Museums Podcast", where an international group of LGBT museum and gallery workers discussed the perspectives their identity brings to their work.

CONVENOR

Andrea Bandelli, Executive Director, Science Gallery International, Dublin, Ireland, @maphutha

SPEAKERS

Sarah Durcan, Global Operations Manager, Science Gallery International, Dublin, Ireland, @sarahdurcan
Luigi Amodio, Director of the Science Centre, Fondazione IDIS – Città della Scienza, Naples, Italy
António Gomes da Costa, Independent Consultant – Science Communication and Education, António Gomes da Costa – Comunicação em Ciência Unipessoal lda, Lisbon, Portugal

IN CONVERSATION... MAKER SPACES, FEATURING SCIENCE CAPITAL

12:00 – 13:15

MAKERSPACE

TALK SHOW

#EcsiteMakers

EQUITY & INCLUSION, LEARNING

▲ EDGY

... Welcome to today's edition of 'In conversation...' Thank you for that science capital introduction and now let's welcome our illustrious guests with experience of successful MakerSpaces in their institutions. They say that their activities foster learning, support interaction, and are popular with young people. They say they are equitable places, open to anyone. But how can they be so sure? Building on insights from science capital research we will make them THINK about the ways science capital can challenge what they do in these spaces. Fielding questions from our intrepid interviewer Dr Jen DeWitt are leading lights from science centres from across the globe! These three guests will use their experience running MakerSpaces to answer her questions. And finally, as usual on this show, we expect a spirited contribution from the audience as they share their views on inclusive MakerSpace practice and reflect on implications."

CONVENOR

Effrosyni Nomikou, Research Associate,
King's College London, King's College London,
London, United Kingdom

SPEAKERS

Katarzyna Potega vel Zabik, Specialist,
Copernicus Science Centre, Warsaw, Poland
Ryan Jenkins, Co-Founder, Education, Wonderful Idea Co.,
San Francisco, United States, @ryanejenkins
Jennifer DeWitt, Researcher, King's College London,
London, United Kingdom
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

ROLE PLAYING GAMES: A TOOL FOR DIALOGUE

12:00 – 13:15

GAMELAB

WORKSHOP

#GameLab

SCIENCE ♥ SOCIETY

Are you scratching your head wondering how you will organise the next dialogue event at your institution? It seemed a great idea to bring citizens, scientists and policy makers together to discuss a "hot" scientific discovery, how to make science more gender-inclusive or their city a better place to live... By now you know that engaging people from different backgrounds and with different agendas in fruitful discussions can be challenging, especially if we want to discuss complex and controversial topics. Uncertainty about the future, pre-conceived ideas, false expectations, fears... These are all obstacles to an open, rich and honest dialogue. Join our panel of speakers to explore the value and challenge of role playing games (RPG) in sparkling dialogues. And try it yourself: we will help you build a RPG adapted to your own challenge. Get first-hand experience of some of the techniques used in RPG, explore and share ideas.

CONVENOR

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

SPEAKERS

Adam James, Artist researcher, University of Kent,
United Kingdom, @adamjamesstudio
Laurent Bontoux, Foresight Specialist,
European Commission Joint Research Centre,
Brussels, Belgium

WHAT'S NEW IN TOURING EXHIBITIONS – 2

14:30 – 15:45

THE HALL OF LIFE

TRAVELLING EXHIBITIONS

#hl

EXHIBIT DEVELOPMENT

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.

CONVENOR

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

SPEAKERS

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

Gène Bertrand, Head of Program and Co-Operations,
Museumplein Limburg, Kerkrade, The Netherlands

Tim Pethick, Director, Nomad Exhibitions,
Edinburgh, United Kingdom, @nomadexhibit

Ulrike Kastrup, Museum Director, FocusTerra,
ETH Zürich, Zurich, Switzerland

Annkatriin Meyer, COO, Dialogue Social Enterprise GmbH,
Hamburg, Germany

Cristina Zúñiga Ortiz, Exhibition's Department,
Fundación Telefónica, Madrid, Spain, @espaciofef

Petra Rothhoff, Director of Exhibitions,
Museumspartner GmbH, Innsbruck, Austria

Louise Julie Bertrand, Director, Programming,
Montréal Science Centre, Montréal, Canada

Cynthia Brown, Vice President, Exhibitions, Exhibitions
International, Minneapolis, United States, @missthiabrown

Sarah Alexander, Director, Cabaret Mechanical Theatre,
London, United Kingdom, @CabaretMT

Stefanie Ziegler, Devel. Director, AWC AG, Cologne, Germany

Mathis Bogens, Communication and Marketing Manager,
AHHAA Science Centre Foundation, Tartu, Estonia

Javier Hidalgo Gil, Head of Science Exhibition and Programmes,
CosmoCaixa – "la Caixa" Foundation, Barcelona, Spain

Moritz Heber, Curator of Civil Engineering,
Deutsches Museum, Munich, Germany

Lindsay Washburn, Senior Traveling Exhibitions
Manager, Sales, The Field Museum of Natural History,
Chicago, United States

Jennifer Wallace, Director, Museum Partnerships,
National Geographic Museum, Washington DC, United States

BEHAVIOURAL VISITOR RESEARCH: NEW INSIGHTS INTO LEARNING

14:30 – 15:45

ROOM 1

PANEL

#room1

RESEARCH, THEORY & EVALUATION

The accessibility of interactive exhibitions is traditionally gauged by indicators such as the number of visits to a given exhibit, the time spent interacting with it, and the content and intensity of interaction with other visitors immediately after using an exhibit. Behavioural research shows which behavioural indicators are informative for meaningful interactions and deep learning in a science museum. This research contributes to theories about the relation between visitor behaviour, on the one hand, and both programme characteristics and visitors' individual characteristics, on the other hand. In this session we will present behavioural research studies that provide insight into visitor experiences. We will focus on joint exploration, verbal parent-child interactions, interaction with facilitators, and visitors' engagement. Research results will be discussed in relation to practical decisions in programme design.

CONVENOR

Jennifer DeWitt, Researcher,
King's College London, London, United Kingdom

SPEAKERS

Claire McAree, Product Development, Expology, Oslo, Norway

Ilona Howiecka-Tańska, Head of the Research Department,
Copernicus Science Centre, Warsaw, Poland

Maartje Raijmakers, Endowed Professor
Cognitive Development, University of Amsterdam,
Amsterdam, The Netherlands

Nils Petter Hauan, Head of Development,
VilVite, Bergen Vitensenter AS, Bergen, Norway

SCIENCE CENTRES AND POLICYMAKING: A SHARED VISION

14:30 – 15:45

ROOM 2

PANEL

STRATEGY & VISION
SCIENCE ♥ SOCIETY

#room2

● FOUNDATIONS

The main purpose of this session is to share and debate best practices and strategies to drive the interaction between science centres and policymaking. Our speakers have relevant experience both as policymakers or advisers and as science centre CEOs. The session will showcase practical outcomes that sprang out from this combination of policy-related work and science centre leadership. These cases have a two-folded nature. On the one hand, policymaking finds a source of vision and a sense of public service in science centre professional experience; on the other hand, familiarity with policymaking helps when dealing with the daily life of museum and science centre governance, particularly in matters of professional development, funding and advocacy. These cases will be inspirational for those involved in complex and demanding relationships with governments, parliaments and public administration departments, both at national and local levels.

CONVENOR

Per-Edvin Persson, Professor,
Ecsite Honorary Fellow, Helsingfors, Finland

SPEAKERS

Bruno Maquart, Universcience Chairman
and Chief Executive, Universcience, Paris, France

Guy Labine, Chief Executive Officer,
Science North, Sudbury, Canada

Rosalia Vargas, President, Pavilion of Knowledge
(Pavilhão do Conhecimento) – Ciência Viva,
Lisbon, Portugal

TRY OUT HANDS-ON GENDER ACTIVITIES

14:30 – 15:45

ROOM 3

WORKSHOP

EQUITY & INCLUSION, LEARNING

#room3

This hands-on workshop will give participants the chance to try out ready-made gender-related educational resources available in several languages that they can implement in museums, schools and even industry settings. Come 'test your self' on your subconscious associations regarding gender and STEM, 'find the stereotypes' behind the representation of women in media, share your opinion about the connection between gender and science. These are a few of the activities that will be presented and tried out by participants. The showcased activities are designed for 13-18 year old teenagers (boys and girls), and relate to topics of gender and science.

CONVENORS

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

Meie van Laar, Senior Project Manager Education,
Science Learning Center, NEMO Science Museum,
Amsterdam, The Netherlands, @meiegeerlings

SPEAKERS

Elyne Aaviksoo, Assistant for External
Funding and Event Management,
Science Centre AHHA Foundation, Tartu, Estonia

Gultekin Cakmakci, Associate Professor of STEM Education,
Hacettepe STEM & Maker Lab, Ankara, Turkey, @cakmakci

Marie-Agnès Bernardis, Senior Project Officer,
Universcience, Paris, France

Mairead Hurley, European Projects Coordinator,
Science Gallery, Trinity College, Dublin, Ireland, @mairead_hurley

Danel Solabarrieta, Project manager,
Elhuyar Fundazioa, Usurbil, Spain, @zientziahez

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

Sara Calcagnini, Head of Science and Citizens Programmes,
Museo Nazionale della Scienza e della Tecnologia
'Leonardo da Vinci', Milan, Italy

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

Suzana Filipecki Martins, PJM, Ecsite,
Brussels, Belgium, @suzanafm

BRIDGING SCIENCE AND EVERYDAY LIFE – REACHING OUT TO UNDERSERVED COMMUNITIES

14:30 – 15:45

ROOM 4

PANEL

#room4

EQUITY & INCLUSION

Science centres and museums are continuously working on creating inclusive and accessible environments, but we still have a long way to go towards creating more welcoming, context- and culture-sensitive ways of reaching out and connecting with non-users from underserved communities. All working towards equity in participation and education on science, technology, and health, the presenters share experiences in bridging science centres experiences and programmes with the everyday lives of under-served groups. The session will present ideas, experiences, methods and results from projects combining research with the development of innovative methods for connecting and engaging with new audience groups. The presenters will discuss challenges and possible solutions for creating inclusive and accessible modes of engagement for a variety of different groups.

CONVENOR

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

SPEAKERS

Effrosyni Nomikou, Research Associate, King's College London, London, United Kingdom

Heidrun Schulze, Project Manager, Science Center Netzwerk, Vienna, Austria

Julie Bønnelycke, PhD Fellow, Experimentarium/Steno Diabetes Center, Copenhagen, Denmark

ARCHITECTURE AND DESIGN AS INTERPRETATION – PART 1

14:30 – 15:45

ROOM 5

PANEL

#room5

EXHIBIT DEVELOPMENT

The environment where we engage has a tremendous impact upon how we perceive and internalise our experiences. Context is both a filter and an integral component of making personal associations and meaning. As the Reggio Emilia education philosophy puts it: "environment is the third teacher". What we often see in the design of a new science centre or museum building is a symbolic, trendy, stylistic representation of the idea of 'science centre', but not necessarily a true embodiment of the institution's communication goals and key messages nor an enhancement of the visitor's ability to gain deep understanding or find deep meaning. At worst, architecture is an obstacle: forms, shapes, circulation, natural light or bad acoustics restricting the meaningful use of space. However design and architecture have a tremendous potential to powerfully contribute to the interpretation and communication of the content of the museum. All the elements of design can be harnessed to support the creation of environments that provoke the most profound meaning making. This session explores the tools and processes for achieving this from three different perspectives: museum director, project manager and architect. Stay for the related workshop during the next time slot!

CONVENOR

Mikko Myllykoski, Experience Director, Heureka - The Finnish Science Centre, Vantaa, Finland, @MikkoMyl

SPEAKERS

Lisa Månsson, Museum Director, The Vasa Museum / SMM, Stockholm, Sweden

Jane Werner, Executive Director, Children's Museum of Pittsburgh, Pittsburgh, United States

Lee Skolnick, FAIA, Principal, Lee H. Skolnick Architecture + Design Partnership, New York, United States, @LHSADP

KEEPING IT SIMPLE

14:30 – 15:45

ROOM 6

WORKSHOP

EXHIBIT DEVELOPMENT

#room6

● FOUNDATIONS

Sometimes, simple solutions are SO successful. Join us for a KISS: Keep It Simple, Stupid! Our speakers will briefly introduce one example of a simple, yet effective device, exhibit, exhibition... They'll show how the design / idea evolved, from sometimes quite a complicated start, up to the final product. Issues will not be hidden! Participants are welcome to bring in their real life complicated stuff to be simplified. On that basis the audience will start an interactive workshop. In subgroups, supervised by the session's presenters, participants will try and simplify their chosen project, activity or exhibit. Each group will report on their progress (or failure!) at the end of the session.

CONVENOR

G rard Cobut, Head of Exhibition Development, Royal Belgian Institute of Natural Sciences, Brussels, Belgium

SPEAKERS

Gunnar Behrens, Managing Director, Archimedes Exhibitions, Berlin, Germany

Henrik Sell, Deputy Director, Natural History Museum, Aarhus, Denmark

Ian Russell, Director, Ian Russell Interactives, High Peak, Derbyshire, United Kingdom

Nathalie Puzenat, Exhibit Developer, Universcience, Paris, France, @renooov

FAKE AND 'BUBBLE'? A NEW ERA FOR SOCIAL MEDIA

14:30 – 15:45

ROOM 7

REVERSE

MARKETING & COMMUNICATION SCIENCE ♥ SOCIETY

#room7

▲ EDGY

Social media has recently become even more politicised and influential as a communications tool, for good or bad, and fake news and the 'bubble' effect have become real issues. Where is this going? What does it mean for social media? What does it mean for individuals, groups, science centres, and museums, and for science communication in general? Social media can still drive engagement and make people interested in our exhibits and work, but before 'joining the conversation' some questions do need to be considered, especially in today's political and social environment: How powerful can social media be? Who/ what are we speaking for? Is social media becoming too politicised? What is not acceptable to tweet/ message? How engaging can an institution be? How should our institutions use social media to respond to 'alternative facts'? How can you tweet as an individual outside an organisation? Looking both at institutions and individuals, this session will focus on Twitter and other social media, and will discuss best practices and examples, as well as sharing tips as a group.

CONVENOR

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

SPEAKERS

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

Matthew Heenan, Global Business Development, American Museum of Natural History, New York, United States, @mattpaheenan

Raquel da Cunha, Events and Communications Officer & Project Manager, Ecsite, Brussels, Belgium

TINKERING WITH CIRCUITS - THE NEXT LEVEL

14:30 – 15:45

MAKERSPACE

WORKSHOP

#EcsiteMakers

LEARNING, EXHIBIT DEVELOPMENT

In this hands-on session we will go in depth to explore electrical circuits, investigating the tinkering practices and sharing possibilities for taking these ideas to new heights by adding a diverse set of components, sensors and other real world elements. We'll base our explorations on Circuit Boards, a familiar tinkering activity where electrical components are mounted on solid wooden blocks to facilitate low threshold explorations. We'll expand on the classic activity by adding in things like new sensors and LEDs, introducing how homemade switches and relays can trigger real world elements, and experiment with different materials. These "high ceilings" serve to deepen investigations and strengthen connections between different tinkering processes and the ways engineers, computer programmers, scientists and artists make use of electrical concepts.

CONVENOR

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

SPEAKERS

Stefano Buratti, Educator, Museo Nazionale della Scienza e della Tecnologia 'Leonardo da Vinci', Milan, Italy

Jessica Stanley, Researcher, Science Gallery, Trinity College, Dublin, Ireland, @jessicagstanley

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

TEST PLAY: "THE POWER OF KNOWLEDGE" GAME

14:30 – 15:45

GAMELAB

WORKSHOP

#GameLab

MARKETING & COMMUNICATION
STRATEGY & VISION

Two years ago at the Ecsite Annual Conference's GameLab in Trento one of the project discussed and analysed was the "EC1 – The power of knowledge" game. And afterwards guess what happened?... We've now got this game finished and ready to be tested by Ecsite conference participants! It will be our highest pleasure and honour to present the game, that invites players to build and manage their own power plant. Eventhough the game will be finished by this time, it'll still be possible to give our developers some feedback. So, join and play!

CONVENOR

Paweł Barczyński, Science and Didactics Dept. – EC1, Assistant Professor University of Łódź, Instytucja Kultury "EC1 Łódź – Miasto Kultury", Łódź, Poland

SPEAKERS

Michał Buława, Head of Exhibition, Instytucja Kultury "EC1 Łódź – Miasto Kultury", Łódź, Poland

TOURING SPECTACULAR & AMBITIOUS EXHIBITIONS: HOW?

16:30 – 17:45

THE HALL OF LIFE

REVERSE

#hl

EXHIBIT DEVELOPMENT

To be easily travelling, an exhibition must comply with various requirements: reasonable weight and size, quick setting up and dismantling process, stackable design in order to minimize transport volume, etc. As a result, many travelling exhibitions end up looking like clones, with very simple shapes and poor scenography which meets these constraints. And yet, some exhibitions with spectacular and immersive design travel very successfully all around the world. What are the technical solutions that allow these exhibitions to travel without giving up their audaciously ambitious form? Speakers will present the lessons learnt from several examples, failures as well as successes, in a very practical way. The convenor will then guide an open discussion between audience and speakers.

CONVENOR

Dominique Botbol, Deputy Director of Exhibitions, Universcience, Paris, France

SPEAKERS

Eve Arachtingi, Learning Officer, Universcience, Paris, France

Alex Susanna, Managing Director, Expona, Bolzano, Italy

Maren Krumdieck, Senior Exhibition Partnerships Manager, The Natural History Museum, London, United Kingdom

LIFE: CONTROVERSIAL ISSUES AND BIODIVERSITY PRESERVATION

16:30 – 17:45

ROOM 1

PANEL

#room1

SCIENCE ♥ SOCIETY

Life is everywhere! However, many European citizens are not aware of biodiversity loss as one of the major global environmental problems and of the urgent need of preserving biodiversity and having healthy environments. Moreover, solutions to deal with this problem are frequently controversial and debatable. Science centres and museums can have a great role in this regard, by promoting discussion and bridging life science research with stakeholders and the public. We will discuss the role of science centres and the use of different approaches when addressing these issues. Examples include the crowd production (co-production) of exhibitions on controversial topics, or field activities with schools and the general public in sensitive protected areas: essential for conservation but with potential impacts and subject to conflicts.

CONVENOR

Cristina Veiga-Pires, Executive Director, Centro Ciência Viva do Algarve, Faro, Portugal

SPEAKERS

Rita Borges, Executive Director, Centro Ciência Viva de Tavira, Tavira, Portugal

Francisco Franco del Amo, Technical Manager, Aquarium Finisterrae, A Coruña, Spain

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

EQUITY: ARE WE REACHING NON DOMINANT AUDIENCES & IS IT WORKING?

16:30 – 17:45

ROOM 2

REVERSE

EQUITY & INCLUSION, LEARNING

#room2

▲ EDGY

We talk a lot in our professional sphere about the need to engage non dominant audiences in our science centres and museums and many spaces are delivering specific programmes that are successfully engaging a range of audiences that may not ordinarily visit. But, are these programmes having real impact? Are they changing the demographic of the general visitor admission? What kind of impact are they having on the learners involved and how can we research these programmes better so we have a deeper understanding of what makes a strong programme, its impact and how we can open up the entire culture of our organisations to be more diverse?

CONVENOR

Lynn Scarff, Director, Science Gallery, Trinity College, Dublin, Ireland

SPEAKERS

Ilona Iłowiecka-Tańska, Head of the Research Department, Copernicus Science Centre, Warsaw, Poland

Louise Archer, Professor of Sociology of Education, King's College London, London, United Kingdom

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

HOW TO COMMUNICATE THE FUTURE OF SCIENCE?

16:30 – 17:45

ROOM 3

FISHBOWL DISCUSSION

STRATEGY & VISION, SCIENCE ♥ SOCIETY ▲ EDGY

#room3

We're living in a fast-paced world. Scientific discoveries are made each day leading to countless technological applications affecting all aspects of our life. Science engagement organisations are bravely taking on the challenge of digesting this constant and growing flow of brand new scientific and technological information to keep their public informed. This is already challenging, but are we taking the next step? Are we getting ready to talk about yet-to-be discovered science? Without falling into science fiction, can we create and lead constructive exhibitions and conversations about the future of science and its applications? And... is this even our role? We will start the session with fast-paced talks that will set the scene to a "fishbowl discussion". The outer circle of the fishbowl will be silent, actively listening the fixed speakers' panel at the centre. One or two open chairs will be available in the centre for anyone from the audience who wishes to join in. The discussion will be recorded in a live blog in combination with a compilation video. A futuristic discussion on how to communicate the future of science. Don't miss it!

CONVENOR

Sara Calcagnini, Head of Science and Citizens Programmes, MNST 'Leonardo da Vinci', Milan, Italy

SPEAKERS

Maria Pfeifer, Senior Curator & Researcher, Ars Electronica Futurelab, Linz, Austria

Laurent Bontoux, Foresight specialist, European Commission Joint Research Centre, Brussels, Belgium

Jürgen Öhlinger, Project Manager, TMW, Vienna, Austria

Wouter van der Zouwe, Director, YiPP, Amsterdam, The Netherlands, @ippinteractive

Emma Sanders, Head of CERN's Microcosm exhibition, CERN, the European Laboratory for Particle Physics, Geneva, Switzerland

LEARNING ECOSYSTEMS AND REGIONAL COMMUNITIES

16:30 – 17:45

ROOM 4

OTHER

#room4

STRATEGY & VISION, SCIENCE ♥ SOCIETY ▲ EDGY

Science centres, universities, schools, cities, companies and FabLabs already offer a rich variety of science learning opportunities. They are like an ecosystem where diverse relationships tie species together. For these ecosystems to resist change and remain at equilibrium, our communities require science education to improve effectiveness to meet societal challenges. Science centres can play a key role here, by combining formal, non-formal and informal education, tailored to students, families and the general public. How can such collaborations be lifted from individuals to organisations that collaborate in STEM ecosystems? The session involves a wide and representative range of speakers from regions/cities, and the audience will be invited to participate through a fishbowl format (a format that allows participants to take turns in feeding the discussion) and discover both individual (local) and mutual patterns behind successful networks.

CONVENORS

Monique Mourits, Director, Universiteitsmuseum, Utrecht, The Netherlands, @moniquemourits

Bart Van de Laar, Head of department, Science LinX – University of Groningen, Groningen, The Netherlands

SPEAKERS

Melita Oven, Senior Advisor, City of Ljubljana, Slovenia

Mairead Hurley, European Projects Coordinator, Science Gallery, Trinity College, Dublin, Ireland, @mairead_hurley

Sevil Akaygun, Assistant Professor, BOUN, Istanbul, Turkey

Justin Dillon, Professor of Science and Environmental Education, University of Bristol, Graduate School of Education, Bristol, United Kingdom, @JustinDillonUoB

Michael Van Der Meer, Director Science Centre Delft, Delft, The Netherlands

Kathrin Unterleitner, PJM, Science Center Network, Vienna, Austria

ARCHITECTURE AND DESIGN AS INTERPRETATION – PART 2

16:30 – 17:45

ROOM 5

WORKSHOP

#room5

EXHIBIT DEVELOPMENT

Welcome to the second and final part of our exploration of architecture and design as interpretation, where participants will explore and put into practice some of the concepts introduced in Part 1 (previous session slot). Session leaders will briefly outline the tools and processes for creating buildings and architectural environments that enhance, interpret and embody the specific missions and communication goals of museums and science centres. The group will then be divided into smaller teams. Each team will be given a brief profile of the institution they will represent as well as a general description of a location or existing building that they will use as their architectural site. The goal will be to create a new building design or adaptive re-use of an existing structure in a manner which allows it to become an integral component of the visitor's overall educational experience. Each group will be assisted by an architecture student who will provide help in developing and visually representing their design concept. The session will conclude with a short presentation by each team of their ideas and their thoughts about the potential and efficacy of interpretive design.

CONVENOR

Mikko Myllykoski, Experience Director, Heureka – The Finnish Science Centre, Vantaa, Finland, @MikkoMyl

Claire Pillsbury, Program Director, Osher Fellowships, Exploratorium, San Francisco, United States

SPEAKERS

Lisa Månsson, Museum Director, The Vasa Museum/SMM, Stockholm, Sweden

Jane Werner, Executive Director, Children's Museum of Pittsburgh, Pittsburgh, United States

Lee Skolnick, FAIA, Principal, Lee H. Skolnick Architecture + Design Partnership, New York, United States, @LHSADP

HAVING FUN WITH... CLASSIFICATION

16:30 – 17:45

ROOM 6

WORKSHOP

#room6

LEARNING, EXPLAINERS & VISITOR SERVICES

Biodiversity is often mentioned in the media. Unfortunately, usually only to talk about the results of naturalists' research: there are four species of giraffes, a new species has been discovered or another is endangered. However, the scientific methods underlying these headlines are rarely exposed: how do we describe, compare and "sort" living things? Classification is the ultimate tool to understand life, and requires a lot of knowledge (taxonomy, cladistics, genetics, paleontology, evolution...). Measuring the closeness of two specimens is a complex issue. We want to share activities to experiment the methods of classification: with biological material (shells, elephant teeth, dinosaurs models), DNA sequences (DNA barcoding), or... teddy bears! Each experiment is designed to stimulate classification skills (comparing colours, shapes, patterns and sizes), understand similarities and differences and develop a scientific method. And YES, classification can be exciting!

CONVENOR

Dacha Atienza, Head of Scientific Area,
Museu de Ciències Naturals de Barcelona,
Barcelona, Spain

SPEAKERS

Rita Campos, Postdoctoral Researcher,
CIBIO-InBIO, Coimbra, Portugal

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

Sara Mira, Science Communicator Manager,
Centro Ciencia Viva De Lagos, Lagos, Portugal

Krista Leusink, Content developer and educator,
Naturalis Biodiversity Center, Leiden, The Netherlands,
@Krisaardvarken

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

SUSTAINABLE DEVELOPMENT GOALS: MAKING US MORE RELEVANT?

16:30 – 17:45

ROOM 7

REVERSE

#room7

STRATEGY & VISION, SCIENCE ♥ SOCIETY

The session revolves around the United Nations' 17 Sustainable Development Goals (SDGs), which are designed to produce a secure, peaceful, just and sustainable world. Last November on the occasion of the first International Science Center and Science Museum Day (ISCSMD), our sector explored the role it can play in connecting visitors to the different Sustainable Development Goals that together encompass the major challenges facing humankind today. This session will focus on the many kinds of activities that can be organised by science centres and museums to connect visitors to the goals. Examples range from large-scale events to modest one square meter exhibits, showing visitors that they too have a part to play and inciting them to think further about these problems and to take part in solving them. Will science centres working with the SDGs thus become more relevant? Is this approach suitable for all science centres and museums?

CONVENOR

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

SPEAKERS

Johan Bellman, Science and Education Coordinator,
Innovatum Science Center, Trollhättan, Sweden

Sarah Funk, Project Manager,
Science Center Netzwerk, Vienna, Austria

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

Michiel Buchel, Director, NEMO Science Museum,
Amsterdam, The Netherlands

RECYCLING MATERIALS

16:30 – 17:45

MAKERSPACE

WORKSHOP

#EcsiteMakers

LEARNING, EXHIBIT DEVELOPMENT

A hands-on session aiming at exploring low cost to no cost multidisciplinary practices that connect environmental education and tinkering and making. Participants will be encouraged to connect with materials they engage with daily, re-interpret them, work with them and investigate the potential of moving from a “saving stuff for just in case” mode to a “purposeful investment” mode. We will be trying some alternatives for the usual material in tinkerers’ stock, like hand craft and art supplies, and building material with things like fused plastic or cardboard and explore the potential they offer in emphasizing tinkering practices. Classic tinkering activities like circuit explorations, linkages and gears will be hacked with recycled material. We will also investigate recycling as a tinkering practice in itself. CD drivers, dolls, Christmas lights and other stuff will be used to recreate and design personalised dolls, remote control cars, generators and operation games. We will reflect on the experience, considering practicality, challenges and advantages.

CONVENOR

Samar D. Kirresh, Senior Researcher,
A. M. Qattan Foundation, Ramallah, Palestinian Territory

SPEAKERS

Hélder Ferreira, Engineer,

Centro Ciencia Viva de Lagos, Lagos, Portugal

Hiljanne van der Meer, Programme developer,

NEMO Science Museum, Amsterdam,

The Netherlands, @hiljanne

Aina Fiskå, Educator Manager, Jaermuseet, Sandnes, Norway

Elisabeth Rebekka Killie Kanebog, Educator,

Nordnorsk vitensenter, Tromsø, Norway

Luís Azevedo Rodrigues, Executive Director,

Centro Ciencia Viva De Lagos, Lagos, Portugal,

@cienaonatural

DROP-IN AND PLAY

16:30 – 17:45

GAMELAB

WORKSHOP

#GameLab

LEARNING, SCIENCE ♥ SOCIETY

The GameLab is an informal space entirely dedicated to gaming. It will be open all day on the conference’s three days. It is a drop-in space. There will be games to play, game makers to meet. A different host each day will be present to lead debates and bounce ideas off. At any one time there will be 2-5 game makers on hand to test ideas, play test your games if you want to bring them along and get feedback or help develop your ideas if you are commissioning games for your museum or organisation.

CONVENOR

Adam James, Artist researcher, University of Kent,
United Kingdom, @adamjamesstudio

SPEAKER

Lizzy Bakker, Content Strategy and Development,
NorthernLight Design, Amsterdam, The Netherlands

GALA DINNER

19:30 – 00:00

PALÁCIO DA BOLSA

SOCIAL EVENT

We will be enjoying an exquisite dinner enlivened by musical performances at the 19th century Palácio da Bolsa (Stock Exchange Palace) in the heart of Porto's historical centre, in a succession of lavish rooms – among which the impressive Salão Árabe (Arabian Hall) and its Moorish designs.

Built by the City's Commercial Association in a neo-classical style, the Palácio da Bolsa was designated World Heritage Site by UNESCO. The Palace remains the headquarters of the City's Commercial Association, even though it has lost its stock exchange functions. Nowadays, this venue is mainly used for high-profile events, such as official receptions for heads of states.

Recommended dress code: your own interpretation of smart – if you like dressing up, this is your chance to show your glamorous self.

More information on page 134

SCIENCE ENGAGEMENT IN THE POST-TRUTH CONTEXT

9:00 – 10:15

THE HALL OF LIFE

PANEL

STRATEGY & VISION, SCIENCE ♥ SOCIETY ▲ EDGY

#hl

“We need to help citizens grasp the difference between authority-based and science-based validation” argues António Gomes da Costa in Spokes #27. It seems like a straightforward task, but what challenges are we up against? Are we really living in a “post-truth” world, and what should science centres and museums do about it? How are science and politics intertwined at a time when facts and rationality are being challenged by emotion, belief, and “alternative facts”? Some post-truths are relatively innocuous, while others have catastrophic results. From anti-vaccination movements to climate change deniers, there is a popular international surge against truths that science centres and museums hold to be self-evident. Why is this happening, what should be done, and how will we do something about it? Join experts who will examine the challenges of the ‘post-truth’ phenomenon, populism, and the changing relationship between politics and science.

Please note, to encourage openness and expression, this session will operate under Chatham House Rule, providing anonymity to speakers (participants are free to use the information received, but neither the identity nor the affiliation of the speaker(s), nor that of any other participant, may be revealed).

CONVENOR

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

SPEAKERS

Linda Conlon, Chief Executive, International Centre for Life, Newcastle, United Kingdom

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

António Gomes da Costa, Independent Consultant – Science Communication and Education, António Gomes da Costa – Comunicação em Ciência Unipessoal lda, Lisboa, Portugal

CHILDREN HAVE THE POWER

9:00 – 10:15

ROOM 1

PANEL

SCIENCE ♥ SOCIETY

#room1

Involving children and teenagers in the decision making processes of our science centres and museums (our educational activities, exhibitions but also in the functioning of the café or what new activities should be implemented) encourages ownership. It triggers children's interest, makes them active in their community and shows them how, as community members, they can create change. However when putting in place initiatives such as children's boards we need to take into account that these projects do not take place in a vacuum. When embarking on such an adventure, depending on the scope of our project, we will face different constraints. In this session we will explore different initiatives undertaken by our speakers and discuss how these activities can change our organisations. Should we set prerequisites before putting in place such schemes? We will hear from speakers how they have been proving to children and teenagers that their input is taken into consideration. We will discuss the pitfalls in these cooperations and what we need to have in mind before attempting to give them such roles.

CONVENOR

Marjelle van Hoorn, Association Manager & Chair of REV, VSC Association of Science Centers and Science Museums, Amsterdam, The Netherlands, @sciencemuseums

SPEAKERS

Toni Dancstep, Senior Researcher, Exploratorium, San Francisco, United States

Jose Antonio Gordillo Martorell, Science Communicator, Ciutat de les Arts i les Ciències – Museu de les Ciències Príncep Felipe, Valencia, Spain, @cityartsscience

Meie van Laar, Senior Project Manager Education, Science Learning Center, NEMO Science Museum, Amsterdam, The Netherlands, @meiegeerlings

DESIGN & INTERPRETATION CHOICES: THREE STORIES

9:00 – 10:15

ROOM 2

PANEL

EXHIBIT DEVELOPMENT

#room2

▲ EDGY

What do our visitors see when they enter our doors? Why do we make the design choices we make and what are the outcomes of these choices? Some science centres and museums make overall design choices and build a common concept for their exhibition areas so visitors can recognise the special DNA each institution has throughout. We all share a common understanding and an overall objective of communicating science, but then our interpretation and design choices differ. Some institutions focus on showcasing particular phenomena in one place whereas others choose to integrate different science and technology topics into one narrative or scenario. Three science centres and museums will share the concept they have chosen to focus on and address the challenges and lessons learned when trying to achieve these goals. Speakers will also share how these choices influence not only their exhibitions but also the areas between and around them.

CONVENOR

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

SPEAKERS

Lone Isaksen, Director of Exhibitions, Experimentarium, Hellerup, Denmark
Christof Börner, Exhibition and Programme, phaeno gGmbH, Wolfsburg, Germany
Varda Gur Ben Shitrit, Deputy Director for Content Development, The Bloomfield Science Museum Jerusalem, Jerusalem, Israel

21ST CENTURY SKILLS: HOW TO INTRODUCE THEM IN YOUR SCIENCE CENTRE

9:00 – 10:15

ROOM 3

ROUND TABLE

LEARNING
EXHIBIT DEVELOPMENT

#room3

● FOUNDATIONS

As our society is quickly changing into a knowledge society, new skills are needed to be able to function successfully in the 21st century. As automation increases and robots are on the verge of taking over several of our jobs there will be a decreasing need for people doing routine work. The youngsters of today will probably have jobs that we never heard of today. According to several studies the competencies needed in future society will include: computational skills, social and cultural skills, creativity, critical thinking and problem solving – together they are usually referred to as the 21st century skills. This roundtable session will explore how we can integrate the learning and practicing of these skills in the science centre: in our exhibitions as well as in our programmes. After a short introduction participants will discuss in small groups what they are already doing to train youngsters in 21st century skills and which other steps we can take to help them prepare for the future.

CONVENOR

Patricia Verheyden, Director of Strategic initiatives, Technopolis, the Flemish Science Centre, Mechelen, Belgium

SPEAKERS

Christel le Delliou, Cultural Coordinator, Le Vaisseau, Strasbourg, France
Andrea Durham, VP, Exhibits, Digital, and Evaluation, Science World, Vancouver, Canada @MuseumDurham
Weldoet Damsma, Learning Officer and Trainer, Naturalis Biodiversity Center, Leiden, The Netherlands
Tom Rockwell, Director of Exhibits and Media Studio, Exploratorium, California, United States

WORD-LESS - BUT NOT SPEECHLESS

9:00 – 10:15

ROOM 4

WORKSHOP

EXPLAINERS & VISITOR SERVICES

#room4

▲ EDGY

If we say face-to-face science engagement, is the first image that comes to your mind a facilitator deep in conversation with a visitor? Spoken words indeed seem to be our field's default medium when it comes to daily interactions with audiences. Join us in challenging this assumption. Together we'll break the monotony of verbal communication and explore the creative horizons that open up once you free yourself from your internal thesaurus. How else can we convey (scientific) ideas in simple face to face situations? Can our bodies come to the rescue, can we draw, mime, sing, dance, use gibberish, what else? Our three non-verbal practitioners will each briefly demonstrate a word-less technique. Convenors will then outline a simple piece of science to be conveyed and the audience will work on this challenge with the practitioner of their choice, before sharing their production with the whole assembly.

CONVENORS

Carmen Fenollosa, Project Manager,
London School of Economics, London, United Kingdom

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

SPEAKERS

Malvina Artheau, Development & European Partnerships
- RRI - LivingLab, Artheau Accompagnement,
Toulouse, France, @MalvinaArtheau

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

Elin Roberts, Head of Public Engagement,
International Centre for Life, Newcastle upon Tyne,
United Kingdom, @elinoroberts

A DECADE OF EUROPEAN RESEARCHERS' NIGHT: TECHNIQUES & FORMATS

9:00 – 10:15

ROOM 5

REVERSE

RESEARCH, THEORY & EVALUATION, LEARNING

#room5

European Researchers' Night takes place annually with the aim of bringing researchers closer to the general public. It is one of the most well-known public engagement events in Europe and is hosted in universities, science centres, museums and research institutes. European Researchers' Night has been running for more than 10 years and events have taken place in almost 300 locations around Europe. By the end of 2017, the European Commission will have invested in excess of €40 million worth of funding in this initiative. This session will highlight key learnings from the past decade of events and facilitate a discussion among attendees on how to ensure best practice for future events. Event organisers from several countries will briefly comment on their experience of Researchers' Night, its importance to "Life Everywhere" as well as the biggest challenges they have encountered and their greatest learnings.

CONVENOR

Joseph Roche, Astrophysicist and Assistant Professor
in Science Education, Science Gallery, Trinity College,
Dublin, Ireland, @joeboating

SPEAKERS

Ana Solange Leal, Senior Project Manager, INOVA+, Porto, Portugal

James Devitt, Industry University Collaboration Manager,
University of Huddersfield, Huddersfield, United Kingdom,
@jamesdevitt

Lena Söderström, Project & Communications
Manager, Vetenskap & Allmänhet (VA), Stockholm, Sweden,
@vetenskapoallm

Tanja Adnavević, Head of Department of
Programme Activity, CPN, Belgrade, Serbia

Mairead Hurley, European Projects Coordinator, Science Gallery, Trinity College,
Dublin, Ireland, @mairead_hurley

Luís Azevedo Rodrigues, Executive Director, CCV Lagos, Lagos, Portugal, @cienaonatural

Mathis Bogens, Communication and Marketing Manager,
AHHAA Science Centre Foundation, Tartu, Estonia

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

Leonardo Alfonsi, Director of events at Psiquadro, Psiquadro scari, Perugia, Italy, @LeoAlfonsi

Manel Laporta Grau, Assistant Policy Officer, European
Commission, Brussels, Belgium, @MSCActions

UNLEASHING CITIZEN CONTRIBUTIONS TO “SCIENCE FOR ALL”

9:00 – 10:15

ROOM 6

WORKSHOP

EQUITY & INCLUSION, LEARNING

#room6

▲ EDGY

This session will explore public engagement methods from four Responsible Research and Innovation (RRI) projects that support citizens, individually or in a community, in unleashing their potential to contribute actively in the “science for all” paradigm. Although the methods can be applied to achieve different aims, such as awareness raising, discussion or action engagement, they all pursue the same objective: making research and innovation collaborative. And why bother? Because citizen scientists have the capacity to drive social innovation as (co)-experts, have their say on financial priorities and contribute to defining research agendas. Citizens together with other stakeholders are responsible for the quality life of all members of the community. Participants will hear short impulse-talks based on the experience of EU-projects like Sparks, FoTRRIS, PROSO and NANO2ALL and have the opportunity to experiment these citizen engagement methods at roundtables, before a collective wrap up concludes this session.

CONVENORS

Anna Dławichowska, Coordinator,

Copernicus Science Centre, Warsaw, Poland

Christine Marizzi, Manager, Urban Barcode Project,

Cold Spring Harbor Laboratory, New York City,

United States, @CMarizzi

SPEAKERS

Jantien Schuijjer, Junior Researcher Responsible Research and Innovation, Athena Institute (Vrije Universiteit Amsterdam), Amsterdam, The Netherlands

João Gonçalves, Consultant, SPI, Porto, Portugal

Anett Ruszanov, Projects Manager, ERRIN, Brussels, Belgium

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

TOURING TROUBLES – THE WITCHCRAFT OF NEGOTIATION

9:00 – 10:15

ROOM 7

WORKSHOP

LEARNING, EXHIBIT DEVELOPMENT

#room7

▲ EDGY

Some would say that negotiating a touring exhibition is an art form, other would call it alchemy or pure witchcraft... Certainly, it's not a scientific process (unfortunately!). This session is half workshop, half therapy. In a trusted environment, in the first part of the session we will be sharing the “dirtiest questions about touring”: for instance, what really annoys touring promoters, shippers and venues? And how low should you go (price-wise, of course)? How do you assess your institution's preparedness for touring exhibitions? Once these hot issues are on the table, the therapy session starts: how to avoid the frustration of making the same mistakes again? Or do we learn to live with it through better mutual understanding?

CONVENOR

Sarah Durcan, Global Operations Manager, Science Gallery International, Dublin, Ireland, @sarahdurcan

SPEAKERS

Cynthia Brown, Vice President, Exhibitions, Exhibitions International, Minneapolis, United States, @missthiabrown

Robert Aspinall, CEO & Founder, The Shipping Monster, Atlanta, United States, @shippingmonster

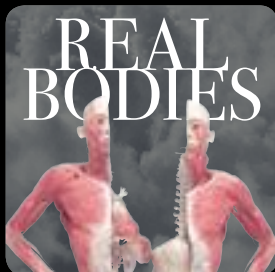
Rob Warren, Global Touring Manager, Science Gallery International, Dublin, Ireland

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

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OPEN STUDIO AT THE MAKERSPACE

9:00 – 10:15

MAKERSPACE

DROP-IN SESSION

#EcsiteMakers

LEARNING

The MakerSpace offers the chance to experiment with art, science and technology through drop-in hands-on activities. This session will be an informal "open studio" where you can stop by and see high and low tech tools used for tinkering, projects made by participants, and inspiring examples from local makers that demonstrate some of the unique materials and designs from Porto. Meet like-minded makers and discuss possibilities for tinkering across different science centre and museum settings.

DROP-IN AND PLAY

9:00 – 10:15

GAMELAB

OTHER

#GameLab

LEARNING, SCIENCE ♥ SOCIETY

The GameLab is an informal space entirely dedicated to gaming. It will be open all day on the conference's three days. It is a drop-in space. There will be games to play, game makers to meet. A different host each day will be present to lead debates and bounce ideas off. At any one time there will be 2-5 game makers on hand to test ideas, play test your games if you want to bring them along and get feedback or help develop your ideas if you are commissioning games for your museum or organisation.

CONVENOR

John Sear, Games Designer, Museum Games, Birmingham, United Kingdom, @MrJohnSear

SPEAKERS

Daniela De Angeli, Research Engineer, University of Bath, National Trust, Bath, United Kingdom

Marc Jamous, Multimedia Producer, Universcience, Paris, France

KEYNOTE ALICE ROBERTS

10:30 – 11:30

THE HALL OF LIFE

KEYNOTE

#hl

RESEARCH,
THEORY & EVALUATION, SCIENCE ♥ SOCIETY

Professor Alice Roberts is an anthropologist, author and broadcaster, and Professor of Public Engagement in Science at the University of Birmingham. She's been a familiar face on British TV since 2001 when she first appeared on *Time Team Live*, and has since presented several landmark series including BBC's *The Incredible Human Journey*, *Are We Still Evolving?* and *Origins of Us* – as well as several Horizon programmes and the long-running *Digging for Britain* series. She's written seven popular science books, including *The Incredible Unlikelihood of Being*, which was shortlisted for the Wellcome Trust Book Prize in 2015.



SPEAKER

Alice Roberts, Osteoarchaeologist, Physical Anthropologist, Author and Broadcaster, University of Birmingham, Birmingham, United Kingdom, @theAliceRoberts

Alice Roberts' keynote speech is sponsored by

THE  KAVLI FOUNDATION

CONVERSATION WITH ALICE ROBERTS

12:00 – 13:15

THE HALL OF LIFE

DEBRIEF

#hl

STRATEGY & VISION

Your opportunity to engage in conversation with anthropologist, author and broadcaster Alice Roberts after hearing her keynote in the previous time slot.

CONVENOR

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

SPEAKER

Alice Roberts, Osteoarchaeologist, Physical Anthropologist, Author and Broadcaster, University of Birmingham, Birmingham, United Kingdom, @DrAliceRoberts

WORKING WITH VERY YOUNG AUDIENCES

12:00 – 13:15

ROOM 1

PANEL

LEARNING, RESEARCH,
THEORY & EVALUATION

#room1

▲ EDGY

Young children (here we are focussing on 3-7 year olds) are frequent visitors to science centres and museums, and indeed this age group comprises a significant proportion of total visitor numbers. Many institutions offer special programmes and even exhibitions for younger children. But are they based on a valid understanding of what young children might be capable of learning and doing, or what specific learning opportunities museums and science centres are best placed to offer? In this session we share detailed case studies of young children's experiences in varied museum contexts. An experienced researcher in child development responds to these descriptions in light of recent research. We aim to challenge conventional thinking about the appropriate provision for this age group, and invite the audience to discuss the implications of our research for their own practice.

CONVENOR

Heather King, Research Fellow,
King's College London, London, United Kingdom

SPEAKERS

Ilona Iłowicka-Tańska, Head of the Research Department,
Copernicus Science Centre, Warsaw, Poland

Jennifer DeWitt, Researcher, King's College London,
London, United Kingdom

Maartje Raijmakers, Endowed Professor Cognitive
Development, University of Amsterdam,
Amsterdam, The Netherlands

CONFESSIONS – THE SEVEN SMALL SINS OF SCIENCE COMMUNICATION

12:00 – 13:15

ROOM 2

SHARING MISTAKES

LEARNING, SCIENCE ♥ SOCIETY

#room2

Are you ready to confess? Valuable lessons can be learned from our mistakes and worries, so let's share them to maximize the learning process. Under the guidance of our two convenors, a 'confession box' will be passed around between the speakers who have already said 'yes' to 'confess!' Each confession will take 3 minutes, then the catchbox microphone will be thrown over to the next confessor. Confessors will be seated throughout the audiences to enhance an open and sharing feeling. There will be time for spontaneous confessions, so come and share your own professional sins and mistakes! The session is a sequel following the success of 2016, but with a twist: we will classify the confessed sins according to capital vices or "seven deadly sins" and map the profile of our field.

CONVENOR

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

Mikko Myllykoski, Experience Director, Heureka
– The Finnish Science Centre, Vantaa, Finland, @MikkoMyl

SPEAKERS

Lee Skolnick, FAIA, Principal, Lee H. Skolnick Architecture +
Design Partnership, New York, United States, @LHSADP

Jet de Wit, Program Manager Events,
Naturalis Biodiversity Center, Leiden, The Netherlands

Dobrivoje Lale Eric, Head of Department of International
Cooperation, Center for the Promotion of Science,
Belgrade, Serbia

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

Katerina Chabova, Manager for VIP Partners, Touring Exhibitions
Manager, Technomania Science Center, Pilsen, Czech Republic

Dick de Jong, Head of Exhibitions,
NEMO Science Museum, Amsterdam, The Netherlands

Henrik Sell, Deputy Director, Natural History Museum,
Aarhus, Denmark

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

MEASURING QUALITY IN INFORMAL SCIENCE EDUCATION

12:00 – 13:15

ROOM 3

REVERSE

#room3

LEARNING, RESEARCH, THEORY & EVALUATION

Education is becoming more and more a way of capitalising social responsibility. Many science centres and museums are held accountable for their performance in relation to what is achieved through education. So far external pressure (from governments mostly) is put on quantitative performance whereas our institutions are more concerned with their own ambition to produce high quality education. Informal learning is gaining in acceptance/significance as being maybe as important as its formal sister and many museums and science centres, seizing this opportunity, are starting to develop their 'curriculum' more extensively and explicitly. This session explores initiatives to share and compare these educational practices and come to a (higher) standard in informal education. In discussing options with participants we would like to explore forming a community on education quality. Starting with a brief theoretical background, we then look at different initiatives. In The Netherlands for instance natural history museums are establishing a network to share best practice and peer to peer comparison/exchange, eventually aiming to set a benchmark for education quality.

CONVENOR

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

SPEAKERS

Inês Oliveira, Department for Education and Scientific Culture
– Director, Pavilion of Knowledge (Pavilhão do Conhecimento)
– Ciência Viva, Lisbon, Portugal

Beth Stone, Head of Learning and Audiences,
The Natural History Museum, London, United Kingdom

Hannu Salmi, Professor, Research Director,
University of Helsinki, Helsinki, Finland

Friso Visser, Education and Exhibitions / Deputy Director,
Museum, The Hague, The Netherlands, @frisovisser

CITIZENSHIP AND PARTICIPATORY MODELS OF SCIENCE ENGAGEMENT

12:00 – 13:15

ROOM 4

PANEL

#room4

SCIENCE ♥ SOCIETY, EQUITY & INCLUSION ▲ EDGY

This session will bring forward and debate representative cases of the growing social and political relevance of science centres and museums. Citizens are being called upon to participate in all dimensions of science, from research agenda setting to decision-making in matters of science policy and public expenditure of research. Connecting the public to science, bridging multiple stakeholders, providing platforms for public engagement in rational and critical debate on science, allocating resources for the co-design of science communication: these are some of the features that turn science centres into key agents of scientific citizenship. They are also increasingly drawing the attention of government agencies, research institutions and civil society organisations on the relevance of our field. Join our session, and get to know how we can be up to this challenge. Deliberative forums, participatory budgeting for science and co-creation of science engagement programmes will be examined in depth.

CONVENOR

Leonel Alegre, Science Communicator,
Pavilion of Knowledge (Pavilhão do Conhecimento)
– Ciência Viva, Lisbon, Portugal

SPEAKERS

Carlos Catalão Alves, Board Member,
Pavilion of Knowledge (Pavilhão do Conhecimento)
– Ciência Viva, Lisbon, Portugal, @CatalaoAlves

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

Ioannis Miaoulis, President and Director,
Museum of Science, Boston, United States

PARTICIPATING IN LARGE-SCALE PUBLIC CAMPAIGNS

12:00 – 13:15

ROOM 5

REVERSE

#room5

STRATEGY & VISION, SCIENCE ♥ SOCIETY

Mobilising large-scale campaigns around topics such as biotechnology or biodiversity at science centres and museums can be like raising a family. The undertaking can lead to the joys of institutional transformation and growth, while forming valuable new relationships with scientific and community partners around important societal issues. But there is also stress: the science is constantly advancing, concepts are complex to translate, and some topics are controversial. Organisers of four national, continental, and global-scale projects engaging publics about life science topics will share the challenges, points of transformation, and lessons learned from organising such campaigns, and then solicit new directions and suggestions for future work. How can a museum grow from such a huge effort? What's essential to keep in mind to secure an institution's reputation and future development? How can we keep up with the pace? Topics such as funding, content, institutional capacity, and professional development will be discussed.

CONVENOR

Tomas Rehacek, Project Manager,
Ecsite, Brussels, Belgium

SPEAKERS

Anna Omedes, Director, Museu de Ciències Naturals
de Barcelona, Barcelona, Spain, @AOmedesR

David Sittenfeld, Program Manager, Forum,
Museum of Science, Boston, United States

Walter Staveloz, Director International Relations,
ASTC, Washington, United States

TIPPING POINT: WHEN EXHIBITIONS BECOME EXPERIENCES

12:00 – 13:15

ROOM 6

PANEL

#room6

STRATEGY & VISION, SCIENCE ♥ SOCIETY ▲ EDGY

Museums and science centres have been gradually realising how much their visitors demand from exhibitions. Since information is available everywhere, both on the on-line and off-line world, the traditional hands-on exhibits found in science centres worldwide might be coming to an end. The museum of the future has to develop new innovative approaches. Which ones? Who or which institutions are already doing that, why and what are their outcomes? In this session, invited speakers share their strategies, viewpoints and results with exhibitions that lead to a more multidisciplinary, open-minded, participative and specially closer and more personal experience. How can we learn from these examples? Are we on this tipping point already, due to some museums' daring spirit, or is this change still to happen out of necessity and society's demands?

CONVENOR

Ines Montalvão, Exhibition Developer/
content designer, Heureka – The Finnish Science Centre,
Vantaa, Finland

SPEAKERS

Marc Tamschick, CEO, TAMSCHICK
MEDIA+SPACE, Berlin, Germany

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

Daniel Glaser, Director, Science Gallery London,
King's College London, United Kingdom, @scigallerylon

Jan Alfred Andersson, Head of Science Centre,
Norsk Teknisk Museum, Oslo, Norway

Orna Cohen, Co-Founder, Dialogue Social
Enterprise GmbH, Hamburg, Germany

NEW FORMATS FOR PUBLIC ENGAGEMENT

12:00 – 13:15

ROOM 7

WORKSHOP

#room7

EXPLAINERS & VISITOR SERVICES,
SCIENCE ♥ SOCIETY

Both technology and what people are expecting awe-inspiring events to look like are changing fast: science communication and public engagement activities need to keep up and adapt. Age-old science communication formats yearn for modernization and reformation. In this workshop, public engagement professionals from all over Europe will take participants on a hands-on journey to get a taste of some of the innovative formats that have the X factor, for instance science espressos and reverse science cafés. Participants will not only get a theoretical overview of innovative public engagement formats but an explainer + researcher team will also carry out two activities with the audience so that everyone involved can get a first-hand experience. The activities will be based on the lessons learnt during the EU-funded SPARKS project.

CONVENOR

Helin Haga, Coordinator of External Funding,
AHHAA Science Centre Foundation, Tartu, Estonia

SPEAKERS

Anna Dławichowska, Coordinator,
Copernicus Science Centre, Warsaw, Poland
Dubravka Vejnovic, Expert Associate at Center
for the Promotion of Science, Belgrade, Serbia
Maria Zolotonosa, Senior Project Manager, Sparks
project coordinator, Ecsite, Brussels, Belgium
Vesna Pajić, Project Manager, Ustanova Hiša
eksperimentov, Ljubljana, Slovenia
Tina Ibsen, Head of Science and Outreach,
Tycho Brahe Planetarium, Copenhagen,
Denmark, @Tina_Ibsen

STORYTELLING WITH... CIRCUITS

12:00 – 13:15

MAKERSPACE

WORKSHOP

#EcsiteMakers

LEARNING, EXHIBIT DEVELOPMENT

In this hands-on session we will explore electrical circuits in depth, investigating the tinkering practices and sharing possibilities for taking these ideas to new heights by emphasizing storytelling, narrative, and collaboration. We'll base our explorations on Paper Circuits, a familiar tinkering activity where participants use copper tape, LEDs and coin cell to create cards that combine science and art content and practices. We'll expand on the classic activity by encouraging participants to build around a theme, experiment with more artistic practices, and contribute to a large-scale interactive mural that will stay up during the conference. These "high ceilings" serve to deepen investigations and strengthen connections between different tinkering processes and the ways engineers, computer programmers, scientists and artists make use of electrical concepts.

CONVENOR

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

SPEAKERS

Stefano Buratti, Educator, Museo Nazionale della Scienza
e della Tecnologia 'Leonardo da Vinci', Milan, Italy

TO TECH OR NOT TO TECH - THAT IS THE QUESTION

12:00 – 13:15

GAMELAB

WORKSHOP

#GameLab

LEARNING, SCIENCE ♥ SOCIETY

Technology – does it open doors to new and exciting possibilities or is it an expensive distraction?

Meet game designers John Sear and Sigurd Hunstad, who have been known to make games using both VR and stuffed toys.

CONVENOR

John Sear, Games Designer, Museum Games, Birmingham, United Kingdom, @MrJohnSear

SPEAKERS

Sigurd Hunstad, Pedagogy Developer, Vitenparken, Oslo, Norway

HYBRIDS: SCIENCE CENTRE - MUSEUM CONVERGENCE

14:30 – 15:45

THE HALL OF LIFE

PANEL

#hl

STRATEGY & VISION

Good time for HYBRIDS and “Ornitorrincos”... “Hybrid centres” are already among us, everywhere. This new kind of venues for public engagement are not tied to a traditional formula and often embody the convergence of a science centre with a classic museum. “The Ornitorrinco museum”, as highlighted some years ago in an ICOM article written by Ernesto Páramo (2009), is a “living creature” with many different features resulting from evolution like this strange and successful animal, the *Ornithorhynchus anatinus* or Platypus. It is a hybrid centre that combines museum and science centre characteristics with other functions like, for example, a botanical garden, a cultural and scientific forum, a planetarium, a formal learning house, a tourist attraction, a business incubator or a media broadcast facility. This is already happening in many of our institutions as a logical evolution resulting from demands and opportunities of the community. Convergence is a real option under evolutionary pressure. This session will allow us to discuss different experiences and emergent opportunities.

CONVENOR

Andrea Bandelli, Executive director, Science Gallery International, Dublin, Ireland, @maphutha

SPEAKERS

Ernesto Páramo, Director,

Parque de las Ciencias, Granada, Spain

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

Rosalía Vargas, President, Pavilion of Knowledge (Pav. do Conhecimento) – Ciência Viva, Lisbon, Portugal

Vincenzo Lipardi, Secretary General, Fondazione IDIS – Città della Scienza, Naples, Italy

Camille Pisani, Director, Royal Belgian Institute of Natural Sciences, Brussels, Belgium

RRI: NEW COLLABORATIONS FOR SCIENCE COMMUNICATORS AND RESEARCHERS

14:30 – 15:45

ROOM 1

WORKSHOP

#room1

STRATEGY & VISION, SCIENCE ♥ SOCIETY ▲ EDGY

The growing demand for understanding and implementing the concept of responsible research and innovation (RRI) in practice is inducing researchers and communicators to develop new forms of effective collaborations. Both are invited to imagine and design new opportunities to listen to and engage with a wide set of societal actors from schools to policy makers and citizens at large. Which are the main obstacles and challenges of this effort jointly developed by research institutions and the science communication ecosystem? What have we learnt so far? The session will provide examples taken from ongoing European funded projects such as PERFORM, NUCLEUS and other projects focusing on RRI from unusual perspectives such as performing arts and research communication; research institutions management; and training opportunities for researchers who want to implement effective RRI strategies in their everyday activities.

CONVENOR

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

SPEAKERS

Helena González, Management Director and Science Performer, Big Van, scientists on the road, Barcelona, Spain, @HelenaArlequino

Isabel Ruiz-Mallén, Ramón y Cajal Research Fellow, IN3-Open University of Catalonia (UOC), Barcelona, Spain

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

Wendy Sadler, Director, Science Made Simple, Cardiff, United Kingdom, @wendysadler

Ignasi López Verdeguer, Director – Department of Science – La Caixa Foundation, Fundació Bancària “la Caixa” (CosmoCaixa Barcelona), Barcelona, Spain

DESIGNING FOR ALL

14:30 – 15:45

ROOM 2

PANEL

#room2

EQUITY & INCLUSION, EXHIBIT DEVELOPMENT

Designing for all may sound like an impossible task. As the world increasingly engages in conversations about the importance of diversity and inclusion, it is imperative that we, as important STEM organisations, join the conversation. Are we being reflective about ourselves as STEM educators? About our institutions as promoters of STEM education and inquiry? Are we creating welcoming spaces for a wide variety of STEM learners? Are we being innovative about how we can expand our accessibility and inclusivity? Or... are we, implicitly or explicitly, inviting and engaging only certain types of learners in certain types of contexts? And if so, can we broaden the scope of our activities to encompass the diversity of potential STEM learners required in the Europe of the future? Let's learn from each other so we can adapt and expand our offerings to engage and motivate more of our visitors as well as reach a more diverse group of visitors.

CONVENOR

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

SPEAKERS

Christopher Cardiel, Research and Evaluation Supervisor, Oregon Museum of Science and Industry, Portland, United States

Toni Dancstep, Senior Researcher, Exploratorium, San Francisco, United States

Dorothee Vatinel, Curator, Universcience, Paris, France

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

HUB THERAPY: WORKING WITH DIFFERENT STAKEHOLDERS

14:30 – 15:45

ROOM 3

WORKSHOP

#room3

SCIENCE ♥ SOCIETY

More and more science centres, museums, research organisations and universities work together with different stakeholders: they form hubs where research institutions, policy makers, the industry, NGOs and even children and teenagers meet. These collaborations are moving away from one-off interactions towards attempts to create more long-lasting relationships. Moving towards building common agendas and satisfying all these different needs is not such an easy process, even for the most experienced ones. Of course the benefits of working with hubs exceed the problems that our organisations encounter along the way. However, nobody said this was going to be easy for any of those involved. We all have our own agendas, timings, ways of working and struggles. Our speakers have said yes to the hub model, and now that the fun has started they will share their own struggles, conflicts and battles on how they attempt to make these relationships work out.

CONVENOR

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

SPEAKERS

Pieter Boerman, Director, University of Twente/Pre-U, Enschede, The Netherlands

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

Sara Calcagnini, Head of Science and Citizens Programmes, Museo Nazionale della Scienza e della Tecnologia 'Leonardo da Vinci', Milan, Italy

BETWEEN KNOWLEDGE AND AUTHENTICITY

14:30 – 15:45

ROOM 4

PANEL

#room4

RESEARCH, THEORY & EVALUATION,
SCIENCE ♥ SOCIETY

This session will include presentations on the use of (non-) authentic objects and of (digital) knowledge in exhibitions that will contribute to discussing what might be 'authentic knowledge' regarding museums. While the importance of digital life grows in society, presenting authentic objects in museums is still valued. The first case presents the visitor experience of a medieval vessel, the 'Bremen cog', showing how important visitors perceive 'real' objects, even in a reduced size exhibition. In the second case, the exhibition "Planet Life" in Barcelona displays more than 4,000 natural history specimens in cases, but also offers 48 specimens or models that can be touched accompanied by information in interactive moving screens, analogue text and Braille. Our third museum, the Neanderthal Museum, is successfully using authentic information at the authentic site, but no original physical objects. These specific experiences will lead to a more general discussion on what the term 'authenticity' might mean when it comes to knowledge and what kind of responsibility museums have in this regard.

CONVENOR

Achim Saupe, Academic Coordinator, Leibniz Research Alliance Historical Authenticity, Centre for Contemporary History Potsdam, Potsdam, Germany

SPEAKERS

Anna Omedes, Director, Museu de Ciències Naturals de Barcelona, Barcelona, Spain, @AOmedesR

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

Ursula Warnke, Director, Deutsches Schifffahrtsmuseum, Bremerhaven, Germany

GROUP THERAPY: I SUFFER FROM A LOVE-HATE RELATIONSHIP WITH VISITORS

14:30 – 15:45

ROOM 5

COLLECTIVE THERAPY PARODY

#room5

EXPLAINERS & VISITOR SERVICES,
EXHIBIT DEVELOPMENT

As public engagement professionals, we are all tormented by a love-hate relationship with visitors. We love them so hard and put so much effort into pleasing them day after day, seeing to all their physiological needs, pointing them in the right direction, never blaming them for asking the same question over and over again, keeping the flame alive with incessant new experiences, games and costumes... and what do we get in return? They never do what we want them to do; they always find ways to break things no matter how hard we try to make them unbreakable; they don't even get what we are trying to explain. A cohort of courageous patients have stepped forward and will sit on our sofa to share their neurotic and obsessional relationships with audiences. These frustrated exhibition developers, audience researchers, designers, explainers etc. need your support and empathic cheers, dear audience, as they let their inner self out and face their personal demons, PechaKucha style, under the guidance of our two specialist clinicians. And who knows? This cathartic exercise might even free us all of our professional grumpiness and allow us to start a new relationship with audiences on a solid basis.

CONVENORS

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

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

SPEAKERS

Corine van Impelen, Head of Communications and Events, Naturalis Biodiversity Center, Leiden, The Netherlands, @corinevanimpelen

Hiljanne van der Meer, Programme Developer, NEMO Science Museum, Amsterdam, The Netherlands, @hiljanne

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

Kamil Rogulski, Head of Tickets and Information Department, Copernicus Science Centre, Warsaw, Poland

Marie Hobson, Learning and Audience Research Manager, Natural History Museum, London, United Kingdom, @mchobson

Michael Feser, Partner, Archimedes Exhibitions, Berlin, Germany

Emma Sanders, Head of CERN's Microcosm exhibition, CERN, the European Laboratory for Particle Physics, Geneva, Switzerland

Anne Prugnon, Museographer, Banque de France – DMCEM, Paris, France

Lavinia Del Longo, Head of Development, MUSE – Museo delle Scienze, Trento, Italy

HOW DO YOU GET VISITORS TO TALK TO EACH OTHER, AND TO OTHERS?

14:30 – 15:45

ROOM 6

CAMPFIRE

#room6

LEARNING, EXPLAINERS & VISITOR SERVICES

“Talking in museums is one of the things that makes them matter, and the way in which we talk in museums is one of the things that define for us what they are.” – Adam Gopnik.

Campfires, providing light and warmth, have always been sources of inspiration for new ideas and creative conversations. During this session we will try to re-create the atmosphere of a true campfire. Prepare your questions and get ready to get inspired! How do you encourage conversations between visitors of your science centre or museum and also involve other stakeholders and interest groups? What formats are the best to spark discussions? What facilitation methods can you use? What topics are good for stimulating thoughtful conversations? And, most importantly, who is listening?

CONVENORS

Liesbeth de Bakker, Lecturer in Science Communication, Utrecht University, Utrecht, The Netherlands

SPEAKERS

Marjoleine van der Meij, Teacher, Researcher, Designer, VU University in Amsterdam, The Netherlands

Helin Haga, Coordinator of External Funding, AHHA Science Centre Foundation, Tartu, Estonia

David Sittenfeld, Program Manager, Forum, Museum of Science, Boston, United States

IMMERSIVE MUSEUM EXPERIENCES

14:30 – 15:45

ROOM 7

PANEL

#room7

EXHIBIT DEVELOPMENT, LEARNING

Our most prominent objective as museum professionals is to engage visitors and attract new audiences. Visitors not only want to be intellectually stimulated but at the same time also engaged emotionally. The museum experience should be holistic and relate to people on physical, cognitive and emotional levels. Providing immersive experiences is one way to achieve this goal. How do we create these immersive experiences in our exhibitions? There is a variety of new and innovative technology available, such as virtual and augmented reality. Yet traditional means of creating realities for visitors to plunge into are equally successful. In this session we will present examples for providing immersive experiences with virtual reality, augmented reality (with a live demonstration), a walk-through model and dioramas. We will share our experiences with immersive museum exhibits and discuss how to measure their impact on visitors.

CONVENOR

Bernadette Schrandt, Researcher Experience Design for Crossmedia Content, Amsterdam University of Applied Sciences, Amsterdam, The Netherlands, @bschrandt

SPEAKERS

Ricardo Nemirovsky, Professor, Manchester Metropolitan University, United Kingdom

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

Jose Augusto Ocampo, Senior Designer & Researcher, Parque Explora, Medellín, Colombia

Fabrice Jouvenot, Senior Experience Designer, National Maritime Museum | Royal Observatory Greenwich, London, United Kingdom, @DanteOnyrium

COMPUTATIONAL TINKERING: A PLAYFUL APPROACH TO CODE

14:30 – 15:45

MAKERSPACE

WORKSHOP

#EcsiteMakers

LEARNING, STRATEGY & VISION

In recent years, there has been a surge of interest in making and coding. Across the globe, in formal and informal settings, educational organisations are providing young people with opportunities to make and code. But many of these initiatives are not living up to their full educational potential. Too often, young people are led through step-by-step instructions for learning particular technical skills, and don't engage in the types of project-based, interest-driven, collaborative activities that support the deepest learning experiences and appeal to the broadest range of learners. In this playful, hands-on session, we will present a new generation of technologies, strategies, and activities that bring together making and coding in ways that engage children's interests while also engaging them with powerful ideas. The session will introduce and offer participants experience with an approach that we call "Computational Tinkering" and we will also highlight the four learning dimensions supported by our tinkering approach: (1) engagement, (2) initiative, (3) social scaffolding, and (4) development of understanding.

CONVENOR

Mike Petrich, Director of the Exploratorium Making Collaborative, Exploratorium, San Francisco, United States

SPEAKERS

Amos Blanton, LEGO Idea Studio Manager, The LEGO Foundation, Billund, Denmark, @AmosLightnin

Carmelo Presicce, Research Assistant, MIT Media Lab, Cambridge, United States, @tarmelop

Karen Wilkinson, Director, The Tinkering Studio, Exploratorium, San Francisco, United States, @TinkeringStudio

DROP-IN AND PLAY

14:30 – 15:45

GAMELAB

DROP-IN SPACE

#GameLab

LEARNING, SCIENCE ♥ SOCIETY

The GameLab is an informal space entirely dedicated to gaming. It will be open all day on the conference's three days. It is a drop-in space. There will be games to play, game makers to meet. A different host each day will be present to lead debates and bounce ideas off. At any one time there will be 2-5 game makers on hand to test ideas, play test your games if you want to bring them along and get feedback or help develop your ideas if you are commissioning games for your museum or organisation.

CONVENOR

John Sear, Games Designer, Museum Games, Birmingham, United Kingdom, @MrJohnSear

SPEAKERS

Daniela De Angeli, Research Engineer, University of Bath, National Trust, Bath, United Kingdom

PROJECT SHOWCASE

15:45 – 16:30

GAMELAB

POSTER OR PROJECT SHOWCASE #GameLab
LEARNING

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 min story for each project, followed by 45 min of networking. Join to get a quick overview of ongoing non-profit actions and meet those and others behind collaborative initiatives.

SPEAKERS

Jose Augusto Ocampo, Senior Designer & Researcher, Parque Explora, Medellín, Colombia

Luigi Cerri, Project Manager, Fondazione IDIS – Città della Scienza, Naples, Italy

Iwona Gin, Deputy Coordinator of Cultural and International Activities, NAUSICAA national Sea Experience Centre, Boulogne-sur-Mer, France

Xenia Theodotou Schneider, Owner and Principal Consultant, XPRO Consulting Limited, Nicosia, Cyprus, @XPROConsulting

Liina Vaher, Head of Educational Programmes,

AHHAA Science Centre Foundation, Tartu, Estonia

Bernadette Schrandt, Researcher Experience Design for Crossmedia Content, Amsterdam University of Applied Sciences, Amsterdam, The Netherlands, @bschrandt

Immacolata D'Acunto, PhD Physics student, High-School Teacher, Physics Dept, University of Salerno, Salerno, Italy

Cristina Paca, Project Management Intern, Ecsite, Brussels, Belgium

Tomas Rehacek, Project Manager, Ecsite, Brussels, Belgium

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

Rita Campos, Postdoctoral Researcher, CIBIO-InBIO, Coimbra, Portugal

Magnólia Araújo, Associate Professor, Federal University of Rio Grande do Norte, Brazil

Manel Laporta Grau, Assistant Policy Officer, European Commission, Brussels, Belgium, @MSCActions

Lena Söderström, Project & Communications Manager, Vetenskap & Allmänhet (VA), Stockholm, Sweden, @vetenskapoallm

Thomas Susanka, Academic / Project Manager, University of Tübingen, Germany, @science_notes_

ECSITE ANNUAL GENERAL MEETING

16:30 – 18:30

THE HALL OF LIFE

STRATEGY & VISION #hl

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

THE ECSITE BOOKBISTRO – LET'S START READING

16:30 – 17:45

ROOM 1

BOOKBISTRO

#room1

LEARNING

In our large community we all have favourite books that influence our work, our creativity or joy of developing new projects and exhibitions. In this session we invite everybody who would like to share a favourite book to tell about this book. How does this book inspire you, what is its most important message and how did it shape your vision or work? And of course: why should everybody in the science engagement field know about this book and read it? The books can be everything, a novel, a scientific report, a schoolbook or a key work in museology. What connects them is the value for our work in science engagement and the fact that one of our colleagues has labelled it as a huge favourite. At the end of this session and during the conference we will collect all book recommendations for publication in Spokes, Ecsite's magazine.

CONVENORS

Joanna Kalinowska, Sponsoring Specialist, Copernicus Science Centre, Warsaw, Poland

Marjelle van Hoorn, Association Manager & Chair of REV, VSC Association of Science Centers and Science Museums, Amsterdam, The Netherlands, @sciencemuseums

THE GRAND BAZAAR

16:30 – 17:45

ROOM 2

DROP-IN SESSION

#room2

LEARNING, ● FOUNDATIONS
EXPLAINERS & VISITOR SERVICES

Welcome to the Grand Bazaar, an informal drop-in session featuring dozens of table-top activities – and their facilitators. This long-time favourite session returns to take you on a creative and inspiring journey with spicy experiments, hands-on activities and demonstrations from the best presenters. Our aim is to share our best experiences and spice up your life with new ideas to use everywhere you go. This is a great place to learn something new and get in contact with other playful and creative colleagues.

CONVENOR

Martin Kulhawczuk, Head of Exhibition, Vitensenteret i Trondheim (Trondheim Science Centre), Trondheim, Norway

SPEAKERS

Bodil Hansen, Educator, Vitensenteret Innlandet, Gjøvik, Norway

Ozlem Cam, Coordinator, Eskisehir Science & Experiment Center of Metropolitan Municipality and Sabanci Planetarium, Eskisehir, Turkey **Naomi Foster**, Public Engagement Officer, International Centre for Life, Newcastle upon Tyne, United Kingdom, @naomidfoster

Yvonne Simon, Head of Guest Services, Swiss Science Center Technorama, Winterthur, Switzerland **Samar D. Kirresh**, Senior Researcher, A. M. Qattan Foundation, Ramallah, Palestinian Territory **Eva Hofstad Hagen**, Head of Education, Vitensenteret i Trondheim (Trondheim Science Centre), Trondheim, Norway

Kim Ludwig-Petsch, Scientific Assistant, Science Educator, Deutsches Museum, Munich, Germany **Elisabetta Trentin**, Educational Researcher & senior explainer, Gruppo PLEIADI, Padua, Italy **Sabine Haake**, Edutainer, ViVite, Bergen Vitensenter AS, Bergen, Norway **Pedro Pombo**, Director, Fábrica Science Centre, Aveiro, Portugal **David Price**, Science Communicator, Science Made Simple, Bolton, United Kingdom **Ian Russell**, Director, Ian Russell Interactives, High Peak, Derbyshire, United Kingdom **Anna Gunnarsson**, Teacher/Developer, NAVET, Kinna, Sweden **Noel Jackson**, Head of Education, International Centre for Life, Newcastle, United Kingdom

PICTURE IT – COLLECTIVE PHOTO CHALLENGE

16:30 – 17:45

ROOM 3

PHOTO 'SAFARI'

#room3

EXHIBIT DEVELOPMENT, LEARNING

In this session we challenge those open eyes and creative minds of the Ecsite community! Your mission: take pictures that capture the theme of the conference: "life everywhere". Get 30 minutes to wander around the beautiful area of the Alfândega Congress Centre and take pictures. After the picture hunt, choose one picture for collective gathering and discussion. Our convenors will investigate the motivation behind these pictures and thus show and share the many ways a creative process works. Grand finale: we post the pictures as a social media exhibition. All you need is your phone and your creativity!

CONVENORS

Jet de Wit, Program Manager Events,
Naturalis Biodiversity Center, Leiden, The Netherlands

Ilse van Zeeland, Senior Content Developer Exhibitions, Naturalis
Biodiversity Center, Leiden, The Netherlands, @xajieda

GUERRILLA MARKETING: HOW TO GO VIRAL

16:30 – 17:45

ROOM 4

WORKSHOP

#room4

MARKETING & COMMUNICATION,
SCIENCE ♥ SOCIETY

Our buildings can only host a limited number of visitors. Communication through old-fashioned media can only reach a small part of potential audiences. How can we connect with people at the places they are: at the supermarket, in the park, in the city centre? Around 25% of our audiences are active on social media. There, they can generate buzz and publicity. But, how do we stand out in the maelstrom of messages on cats, celebrities, cute kids, diets and politics? How can we make our brands and exhibitions become trending topics? In this workshop session we will start by giving the floor to two inspirational and successful persons from different realms of communication. They will briefly introduce tips and tricks to develop unconventional ways to promote your message or product. After this we will split into small groups. Working from a set of imaginative cases, each group will design their own campaign integrating digital and social media with public events or actions. The results will be reviewed by our communication specialists.

CONVENOR

Peter Slavenburg, Director, NorthernLight Design,
Amsterdam, The Netherlands

SPEAKERS

Corine van Impelen, Head of Communications and Events,
Naturalis Biodiversity Center, Leiden, The Netherlands,
@corinevanimpelen

Ralph Kruijssen, Brand Curator & Art director,
Independent, Amsterdam, The Netherlands

NEW EDGES OF LIFE: ENGAGING AUDIENCES WITH THE UNKNOWN

16:30 – 17:45

ROOM 5

PANEL

SCIENCE ♥ SOCIETY

#room5

▲ EDGY

In line with the 'Life everywhere' conference theme, we will explore the challenges of engaging audiences with scientific and technological developments such as exobiology or synthetic biology that raise ethical and societal questions about life.

Among others, we will ask: How can we use biohacking, bio art and speculative design to confront visitors with possible futures? How do we represent extra-terrestrial life forms when we don't really know what they look like? What do audiences think of the ethics of live experiments on cockroaches?

Join an edgy session, at the crossroads between art, science, ethics and design.

CONVENOR

Amito Haarhuis, Deputy Director, NEMO Science Museum, Amsterdam, The Netherlands, @AmitoH

SPEAKERS

Michael John Gorman, Founding Director, BIOTOPIA - Naturkundemuseum Bayern, Munich, Germany

Quitterie Largeteau, Science Communicator, Palais de la découverte / BioHacking Safari, Paris, France, @QuitterieL

Hervé Grosçarret, Head Public engagement and Exhibition, Muséum d'histoire naturelle de Genève, Geneva, Switzerland

Ilona Ilowiecka-Tańska, Head of the Research Department, Copernicus Science Centre, Warsaw, Poland

(R)EVOLUTION! GIVE NATURAL HISTORY MUSEUMS BACK TO GROWN-UPS!

16:30 – 17:45

ROOM 6

PANEL

MARKETING & COMMUNICATION,
STRATEGY & VISION

#room6

▲ EDGY

Museums were originally meant to be places of inspiration, literally the 'seat of the Muses'. In the course of time natural history museums (NHMs) have turned away from an adult audience to focus on children: in the 21st-century, interpretation NHMs often function as providers of kid-oriented entertainment. Claims like "we reach out to the generation of tomorrow" are a common litany in the field these days. But why only target the generation of tomorrow, if the important decisions about the future of our planet are being made today?

Time to evolve? A trend has started: Berlin, London, Chicago – some international NHMs have redefined their concepts and strategies recently and shifted the focus from children to an adult audience. Is this the start of a (r)evolution? This session sheds light on this phenomenon and speakers will present their strategy and exhibition concepts, give insights into the underpinning ideas and anticipated goals and share their first experiences, successes and pitfalls, before engaging in an active discussion with the audience.

CONVENORS

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

SPEAKERS

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

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

TINKERING FOR PARTY

16:30 – 17:45

MAKERSPACE

WORKSHOP

#EcsiteMakers

LEARNING, EXHIBIT DEVELOPMENT

Planning to dance the night away at the Nocturne? Want to make an unforgettable fashion statement as you enter The Hall of Biodiversity? A blinking, flashing, colour-changing conversation piece might help you get in the mood to party! Come by the MakerSpace for a drop-in workshop to create wearable digital jewelry and accessories. We'll demonstrate circuit examples built at the previous workshops as we use copper wire, cardboard, coin cell batteries, and LEDs to make unique pieces of wearable art that expresses your personality. This is a great chance to dip your toe in the world of making and tinkering in a fun and social atmosphere.

CONVENOR

Jessica Stanley, Researcher, Science Gallery,
Trinity College, Dublin, Ireland, @jessicagstanley

SPEAKERS

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

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

Hiljanne van der Meer, Programme Developer,
NEMO Science Museum, Amsterdam,
The Netherlands, @hiljanne

Vanessa Mignan, Head of Education and Public
Engagement, TRACES / Espace des Sciences
Pierre-Gilles de Gennes, Paris, France, @GroupeTraces

Samar D. Kirresh, Senior Researcher, A. M. Qattan
Foundation, Ramallah, Palestinian Territory

AUGMENTED REALITY GAMES – INTO A NEW DIMENSION

9:00 – 10:15

GAMELAB

SHOWCASE

#GameLab

LEARNING, SCIENCE ♥ SOCIETY

Experience a live demo of "Spirited: a digital adventure", a digital experience developed by the Design Studio of the Royal Museum Greenwich. The Great Hall of the Queen's House in London will materialize in Porto for you to track, chase and capture the historical spirits haunting the house.

With the Tango technology developed by Google, augmented reality is possible on the fly, anywhere; come and enjoy it!

CONVENOR

Fabrice Jouvenot, Senior Experience Designer,
National Maritime Museum | Royal Observatory Greenwich,
London, United Kingdom, @DanteOnyrium

PORTO #LIVINGLABCITIES DISCOVERY TOUR

16:30 – 17:45

BUSINESS BISTRO

WORKSHOP

STRATEGY & VISION

#BB

▲ EDGY

Ready to take up a discovery tour? Just as life is everywhere, science is everywhere – especially in the swirling living lab each city is! We will equip you with a discovery kit and accompany you on a journey through the city centre of Porto. Open your eyes: everything around you transforms into possible exhibits or experiments. The people you may meet, institutions you may see will turn into potential stakeholders or partners for your projects or your public engagement strategy. Become an explorer on a mission and share your findings via twitter #LivingLabCities. Together we will explore and describe the interrelatedness of public engagement and urban ecosystems.

Meeting point: look for the flag with the colourful Ecsite logo in the Business Bistro.

CONVENOR

Annette Klinkert, CEO city2science – Science Communication and Strategy Consulting, Bielefeld, Germany, @city2science

SPEAKERS

Markus Weißkopf, President, Eusea – European Science Events Association, Berlin, Germany, @m_weisskopf

Leonardo Alfonsi, Director of events at Psiquadro, Psiquadro scari, Perugia, Italy, @LeoAlfonsi

Alessandra Drioli, Science Centre Manager, Fondazione IDIS – Città della Scienza, Naples, Italy

BUSINESS BISTRO HAPPY HOUR

18:00 – 19:00

BUSINESS BISTRO

SOCIAL EVENT

#BB

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

NOCTURNE

20:00 – 23:50

B

SOCIAL EVENT

Get a glimpse of the local and national science engagement scene! The Nocturne will be taking place at the Hall of Biodiversity and the surrounding Botanical Garden and will combine science, art and gastronomy. Take this opportunity to visit The Hall of Biodiversity, explore the Botanical Garden by night and engage with the Natural History and Science Museum of the University of Porto and Ciência Viva teams. The Hall of Biodiversity is located in Casa Andresen, a 19th century house that once was the family home of Sophia de Mello Breyner Andresen, one of the most important Portuguese poets and children books author. Its brand new exhibitions celebrate the diversity of life, connecting the arts with biology and natural history, fostering a wide range of carefully crafted sensorial experiences. Check the detailed programme at the venue. Dinner will be available at several food points.

*Recommended dress code: casual.
Bring comfortable shoes.*

More information on page 130

SCIENCE ENGAGEMENT FOR SOCIAL COHESION: INTEGRATING MIGRANT COMMUNITIES

9:00 – 10:15

THE HALL OF LIFE

PANEL

#hl

EQUITY & INCLUSION, SCIENCE ♥ SOCIETY

The issues of emigration, demographic mobility and integration of people forced to move away from their countries are becoming key challenges of our times. Science centres, as key factors of community cohesion, are being called upon to address these challenges. This session will showcase and discuss science centres' unique expertise, alongside community institutions, in the provision of support, tutoring and mentoring to facilitate the integration of migrants into host countries' culture and employment markets. Participants will be given an in-depth insight into a wide scope of ongoing interventions to tackle the emergent social phenomena of forced migration, ranging from multicultural labs, hands-on science and math workshops, co-creation of exhibits to community partnerships with research institutions and civil society organisations. Speakers have selected these wide-ranging cases to stimulate an active and open discussion with the audience.

CONVENOR

Linda Conlon, Chief Executive,
International Centre for Life,
Newcastle, United Kingdom

SPEAKERS

Dagmar Klauer, Head of Exhibition Operations

Deutsches Museum, Munich, Germany

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

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

Michaela Riccio, International Projects and Relations,
Fondazione IDIS – Città della Scienza, Naples, Italy

NATURAL HISTORY: MAKE A DIFFERENCE IN LOCAL AND GLOBAL DEBATES

9:00 – 10:15

ROOM 1

PANEL

#room1

SCIENCE ♥ SOCIETY, STRATEGY & VISION

Natural history offers insights that can help us address many of the local and global challenges we face today, for example food security, environmental degradation or biodiversity loss. Those of us who come from natural history institutions realise this, but in spite of our efforts, natural history plays an increasingly marginalised role in the public perception of science. Here, we discuss the relevance of natural history for all science education efforts (in science centres, zoos, aquaria, natural history museums, science and industry museums etc.) on the basis of its particular forms of reasoning, objects, and ways of knowing. We argue that science education efforts that include natural history perspectives can significantly contribute to public understanding of the many-faceted nature of science, and discuss the importance of natural history for equipping the public with knowledge to support and enable local decision-making, thereby promoting social justice. And finally, we offer examples of the ways in which museums and their collections act as major players in contemporary debates facing communities across Europe.

CONVENOR

Sara Tougaard, Education Manager, Statens
Naturhistoriske Museum, Copenhagen, Denmark

SPEAKERS

Jacques Ayer, Director, Muséum
d'Histoire Naturelle de Genève, Geneva, Switzerland

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

Antonia Caola, Head of International Collaborations
& PR, MUSE – Museo delle Scienze, Trento, Italy

Heather King, Research Fellow, King's College London,
London, United Kingdom

SELF-GUIDED AND FACILITATED LEARNING TOOLS FOR EXHIBITIONS

9:00 – 10:15

ROOM 2

PANEL

LEARNING,
EXPLAINERS & VISITOR SERVICES

#room2

● FOUNDATIONS

How can we facilitate meaningful high quality learning experiences in our exhibitions? In this session we will discuss both tools for self-guiding and guiding by facilitators. We will share and discuss the development and use of tools that guide visitors in their exploration. Tools that provide guidance, but not answers. We will then present a design framework for tools for self-guided explorative learning experiences. This framework is developed based on learning theory and a design-based research study. Then we turn to personal guiding, either by staff or parents and look at two cases studying how family teams explore on the museum floor. Can a trained facilitator help visitors get a better experience by giving explanations or describing evidence? Or are they better off exploring on their own? What about the youngest visitors often guided by parents? Do they need this guidance and how does this influence the way they explore and their curiosity?

CONVENOR

Ida Marie Bøe, Content Developer and Educator,
ViVite, Bergen Vitensenter AS, Bergen, Norway

SPEAKERS

Welmoet Damsma, Learning Officer and Trainer, Naturalis
Biodiversity Center, Leiden, The Netherlands

Katarzyna Potega vel Zabik, Specialist,
Copernicus Science Centre, Warsaw, Poland

Rooske Franse, Senior Project Manager Education,
NEMO Science Museum, Amsterdam, The Netherlands

Nils Petter Hauan, Head of Development,
ViVite, Bergen Vitensenter AS, Bergen, Norway

A NEW SCIENCE CENTRE: FROM VISION TO STRATEGY TO REALITY

9:00 – 10:15

ROOM 3

REVERSE

STRATEGY & VISION,
OPERATIONS & FINANCE

#room3

● FOUNDATIONS

Setting up a science centre is a challenging and complex task, requiring amongst others vision, money and determination. After drawing up the strategy, critical conditions have to be met, convincing stakeholders, tackling all sorts of problems and making sure relevance and sustainability are translated into a good operational plan. After opening, the real challenge begins: operating the centre sustainably for our environment, for our audiences, financially... This session brings together a diversity of recently opened science centres and museums: projects from Europe, the Middle East and North America, large and medium sized, a first in their region, a government or private initiative... Presenters openly explain their strategy for setting up the science centre and how well it was put into practice. They share their experiences before and after opening, talk about the financial model, reveal their strategy to keep their centre alive in the years to come and how to prevent it from becoming a dinosaur.

CONVENORS

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

Erik Jacquemyn, International Consultant,
Jacquemyn Consulting, Linden, Belgium

SPEAKERS

Rachael Blackburn, Director, Esplora Interactive Science Centre,
Kalkara, Malta **Frank Steslow**, President, Frost Museum
of Science, Miami, United States **Hamid Al Naimiy**, Chancellor
of the University of Sharjah, Sharjah Center of Astronomy and
Space Sciences (UAE), Sharjah, United Arab Emirates

Dov Bercovici, President & CEO, The Discovery Centre, Halifax,
Canada **Michele Lanzinger**, C.E.O., MUSE – Museo delle
Scienze, Trento, Italy, @michelelanz

Kim Gladstone Herlev, Executive Director, Experimentarium,
Hellerup, Denmark **Jakub Svrcek**, Director, Dolní oblast
VÍTKOVICE/ Lower VÍTKOVICE, Ostrava, Czech Republic

FANTASY CHARACTERS AS SCIENCE MEDIATORS

9:00 – 10:15

ROOM 4

PANEL

LEARNING,
EXHIBIT DEVELOPMENT

#room4

● FOUNDATIONS

There is an increasing demand on museums and science centres to attract more visitors. But not all type of visitors may be approached in the same way. They can be divided into several groups; John Falk divides them into five: Explorers, Facilitators, Professional/Hobbyists, Experience Seekers and Rechargers. In addition they can visit the museum with or without children and finally there are school classes of various levels of experience in science. They may all be attracted and approached by various means. Knowledge is often learned by linking the theme or subject to a story. This panel session will focus on means to attract groups with children, via a storytelling offer using imaginary universes and figures that children can relate to. Are there any traps to be concerned about or does our main goal to increase the knowledge of our young visitors permit us to use cartoon-like creatures to facilitate the science learning process?

CONVENOR

Pernille Hjort, Head of Education and Public Engagement, Statens Naturhistoriske Museum, Copenhagen, Denmark

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

Daniele Di Domenico, Creative Director, Kairòs Studio, Parma, Italy

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

EMPOWERING GROWTH AND LEADERSHIP

9:00 – 10:15

ROOM 5

WORKSHOP

STRATEGY & VISION

#room5

Although women make up a majority of museum professionals, they are significantly under-represented in leadership roles. Why is this? The exception to this trend is this session's panel of dynamic speakers who represent success in both vertical leadership (to director level) and horizontal leadership (experts in a specialist area) in different parts of the world. The speakers, each with their own unique experience and opinions, will reflect on the strategies, challenges, and decisions that have shaped their professional journeys. These personal insights will stimulate further workshop discussions with the audience to help us collectively imagine the benefits of a more equitably-led museum field.

CONVENOR

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

SPEAKERS

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

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

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

Jennifer Martin, President and CEO, Telus Spark, Calgary, Canada

Gretchen Baker, Vice President for Exhibitions, Natural History Museum of Los Angeles County, Los Angeles, United States

MISCONCEPTIONS: HOW TO DEBUNK THEM

9:00 – 10:15

ROOM 6

PANEL

LEARNING

EXHIBIT DEVELOPMENT

#room6

● FOUNDATIONS

What we know and believe about the world and about life is not always what is known to be scientifically correct. Often we are not aware of these so-called misconceptions and hold on to them dearly. Not without reason: simplifications and misconceptions help our brain to cope with the complexity of the world and make life practicable. They do however shape our perception and actions and determine how we acquire knowledge about the world. Debunking misconceptions thus allows us to escape the vicious cycle of half-truths and enrich our lives. Efficient learning and real change starts with the identification of pre-concepts and misconceptions. To become aware of our misconceptions we need experiences that contradict our predictions and baffle our minds. Only then are we willing to let go of our views and be open to new experiences and ideas. In this session each speaker will present his or her favourite misconception and ways to debunk it through an interactive exhibit or another hands-on activity.

CONVENOR

Thorsten-D. Künnemann, Director, Swiss Science Center Technorama, Winterthur, Switzerland

SPEAKERS

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

Evelyne Hiard, Exhibition Curator, Universcience, Paris, France

Meie van Laar, Senior Project Manager Education, Science Learning Center, NEMO Science Museum, Amsterdam, The Netherlands, @meiegeerlings

Claire Pillsbury, Program Director, Osher Fellowships, Exploratorium, San Francisco, United States

Achim Englert, Director, Phänomena, Flensburg, Germany

Ian Russell, Director, Ian Russell Interactives, High Peak, Derbyshire, United Kingdom

Albrecht Beutelspacher, Director, Mathematikum, Giessen, Germany

NOT JUST MONEY: NEW FORMS OF PARTNERSHIPS

9:00 – 10:15

ROOM 7

PANEL

STRATEGY & VISION, BUSINESS & FUNDRAISING

#room7

In a world slowly recovering from an economic crisis, the sustainability of museums and science centres is a major concern. But sustainability is not just about money. It is vital that we become increasingly relevant to society. Similarly, companies that so far sponsored many of our activities without much involvement, are changing their models of social responsibility. Instead of just giving money for brand image, they prefer to be active contributors: by sharing their experiences and knowledge, partners are able to help scale up projects, ensuring their own social relevance. Expectations towards the impact of their investment in social responsibility projects is often as great as those they have towards their own businesses. In this new context, what new forms of strategic partnerships will meet the expectations of both science centres and their partners? During the session three examples that go beyond the simple bank transfer will be discussed.

CONVENOR

Leonel Alegre, Science Communicator, Pavilion of Knowledge (Pavilhão do Conhecimento) – Ciência Viva, Lisbon, Portugal

SPEAKERS

Michał Grzymala, Exhibition Designer, Copernicus Science Centre, Warsaw, Poland

Ana Veríssimo, Director, Fundação Vodafone Portugal, Lisbon, Portugal

Filipa Dias, Strategic Marketing and Partnerships Advisor, Ciência Viva, Lisbon, Portugal

Blanka Fijolek, CSR & Sponsorship Manager, Samsung Electronics Poland, Warsaw, Poland

Vincenzo Lipardi, Secretary General, Fondazione IDIS – Città della Scienza, Naples, Italy

TRAINING IN TINKERING: A NEW LEARNING METHODOLOGY?

9:00 – 10:15

MAKERSPACE

TALK SHOW

#EcsiteMakers

LEARNING

Tinkering is increasingly becoming part of the life of museums and science centres. From professional development and team building to school teaching and family learning in museums, all indicate its potential for (science) learning. But what does this mean for the professionals who facilitate tinkering activities with visitors? Is their work on the floor different from when they adopt other learning approaches? What kind of innovation can tinkering bring to museum practice and to training? The session examines lessons learnt on the training of facilitators in tinkering as part of the EU project "Tinkering: Contemporary Education for Innovators of Tomorrow". The project designed training via an exchange scheme. Partner museums were both trainers (receiving staff from other institutions) and trainees (facilitators traveled to other institutions to participate in training). The session's objective is to reflect on the potential of tinkering as a learning methodology, and on the innovation it can bring to facilitators' professional development.

CONVENORS

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

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

SPEAKERS

Eszter Varga, Leader Demonstrator,
Mobilis Kiállítási Központ, Győr, Hungary

Stefano Buratti, Educator, Museo Nazionale
della Scienza e della Tecnologia 'Leonardo da Vinci', Milan, Italy

Hiljanne van der Meer, Programme Developer,
NEMO Science Museum, Amsterdam,
The Netherlands, @hiljanne

Jutta Schlögl, Project Manager Tinkering & Hands-on Space,
Deutsches Museum, Munich, Germany

Elin Roberts, Head of Public Engagement,
International Centre for Life, Newcastle upon Tyne,
United Kingdom, @elinoroberts

GAME: IMAGINE THE FUTURE OF SCIENCE CENTRES

9:00 – 10:15

GAMELAB

WORKSHOP

STRATEGY & VISION,
RESEARCH, THEORY & EVALUATION

#GameLab

▲ EDGY

In our workshop we will simply play cards! We will address the possible and desirable futures of science centres in the form of an interactive card game, based on the famous game “The Thing from the Future”, developed by the Situation Lab of Ontario College of Art and Design, Canada. “The Thing from The Future” is an imagination and brainstorming game that challenges players to collaboratively and competitively describe artifacts from a range of alternative futures and come up with entertaining and thought-provoking descriptions of hypothetical items from different near-, medium-, and long-term futures. For this session we will customise a special version of the game deck dedicated to the future of science centres. Workshop participants will be divided into different tables that will each plays 5–6 rounds of the game and select their favourite “Future Science Centre Thing”. Finally an overall winning idea will be selected and the winner will get a lot of glory – and a special gift. Note: this session can only accommodate 30 people and we will accept participants on a first come, first served basis.

CONVENORS

Jussi Kahlos, Exhibit Developer, Heureka
– The Finnish Science Centre, Vantaa, Finland
Vesa Lepistö, Exhibition Producer, Heureka
– The Finnish Science Centre, Vantaa, Finland

SPEAKERS

Jussi Kahlos, Exhibit Developer, Heureka
– The Finnish Science Centre, Vantaa, Finland
Cécile Marsan, European Project Manager,
Cap Sciences, Bordeaux, France, @cecilemarsan
Tuomas Olkku, Head of Sales and Marketing,
Heureka – The Finnish Science Centre, Vantaa, Finland
Jaakko Pöyhönen, Exhibition Manager, Heureka
– The Finnish Science Centre, Vantaa, Finland
Vesa Lepistö, Exhibition Producer, Heureka
– The Finnish Science Centre, Vantaa, Finland
Heidi Rosenström, Exhibition Producer,
Heureka – The Finnish Science Centre,
Vantaa, Finland

KEYNOTE NINA SIMON

10:30 – 11:30

THE HALL OF LIFE

KEYNOTE

#hl

SCIENCE ♥ SOCIETY, STRATEGY & VISION

Nina Simon has been described as a “museum visionary” by Smithsonian Magazine for her audience-centred approach to design. She is the Executive Director of the Santa Cruz Museum of Art & History, where she led an institutional turnaround based on grassroots community participation. Nina is the best-selling author of *The Participatory Museum* (2010), *The Art of Relevance* (2016) and the popular *Museum 2.0* blog. Previously, Nina worked as an independent consultant and exhibition designer with over one hundred museums and cultural centres around the world. Nina began her career at the International Spy Museum in Washington, D.C. She lives off the grid in the Santa Cruz mountains with 14 people, 27 chickens, 5 dogs, and 1 zipline.



Nina Simon, Executive Director, Santa Cruz Museum of Art & History, Santa Cruz, United States, @ninaksimom

CONVERSATION WITH NINA SIMON

12:00 – 13:15

THE HALL OF LIFE

DEBRIEF

#hl

STRATEGY & VISION

Your opportunity to engage in conversation with the best-selling author of *The Participatory Museum* (2010) and *The Art of Relevance* (2016) after hearing her keynote in the previous time slot.

CONVENOR

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

SPEAKER

Nina Simon, Executive Director, Santa Cruz Museum of Art & History, Santa Cruz, United States, @ninaksimom

DIGITAL STRATEGIES – GET EVERYONE ON BOARD

12:00 – 13:15

ROOM 1

PANEL

STRATEGY & VISION

#room1

▲ EDGY

Digital is already everywhere in your organisation. Look at your staff, busy issuing tickets, writing web articles, chatting on social media, updating collection records, mandating digital interactives or simply sending emails around. And you may be tempted to try even more digital activities, as new compelling application such as Augmented Reality, portable 3D scanning, cloud office, etc. are becoming common practices. This session proposes to look at several organisations that have developed partial or full digital strategies. They will share lessons learnt, tips and tools about their process, from ideation to implementation. They will be reporting on varied outcomes and the challenges and opportunities that have emerged from this process. In the abundant digital landscape described above, how to choose where to focus your ambition and capitalise on an approach that will work for your organisation? How to benefit fully from your enterprise, as digital literacy does not only provide ways to reach your audience, but also brings new tools, processes and data that will help you understand how your audience really engage with your offer?

CONVENOR

Anne Prugnon, Museographer,
Banque de France – DMCEM, Paris, France

SPEAKERS

Olivier Retout, Director, Lascaux III project,
Conseil Général de Dordogne, Périgueux, France

Wafâa Maadnous, Director, Louvre Lens Vallée,
Lens, France, @LLV

Dave Patten, Head of New Media, Science Museum Group,
London, United Kingdom, @davepatten

Georg Hohmann, Project Lead Digital Museum,
Deutsches Museum, Munich, Germany

THE FACILITATION CASEBOOK: SHERLOCK HOLMES INVESTIGATES

12:00 – 13:15

ROOM 2

MOCKWHODUNNIT/MURDERMYSTERY

EXPLAINERS & VISITOR SERVICES,
RESEARCH, THEORY & EVALUATIONS

#room2

▲ EDGY

Join the Ecsite conference's very own Sherlock Holmes and Dr Watson as, together with the audience, they identify examine, infer and solve a series of incidents relating to aspects of facilitation! Real-life issues will be put under the microscope as we work out what's going on, what's going wrong and how things can be better. Holmes and Watson will be aided in their quest by colleagues from two Ecsite Thematic Groups (communities of practice): the Facilitation and REV groups who will provide key clues in the form of prior research findings and examples of good practice. It would be a crime to miss this!

CONVENOR

Heather King, Research Fellow,
King's College London, London, United Kingdom

SPEAKERS

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

Marjelle van Hoorn, Association Manager & Chair
of REV, VSC Association of Science Centers and Science
Museums, Amsterdam, The Netherlands,
@sciencemuseums

STAYING ALIVE – THE CHALLENGES OF CLOSING DOWN & REOPENING

12:00 – 13:15

ROOM 3

PANEL

#room3

STRATEGY & VISION,
MARKETING & COMMUNICATION

Closing down and reopening museums and science centres often creates massive challenges for management and involved staff. The set-ups are different – some museums close down partially, while others completely close down for shorter or longer periods. This session brings together four museums and science centres from across Europe and the United States. Experimentarium (Denmark) and Città della Scienza (Italy) have gone through a complete closure and re-opening; Naturalis (The Netherlands) partly stays open while building their new museum; and Museum of Science, Boston (USA) has renovated large parts of its exhibits and exhibit area while staying open. Whatever set-up we choose this has enormous effects on marketing strategies, fundraising, internal communication and strategical planning before, during and after closure and re-opening. This talk will give an overview of different solutions and approaches: the speakers will share their best advice from all parts of the process – before closing down and after re-opening.

CONVENOR

Pernille Hjort, Head of Education and Public Engagement, Natural History Museum of Denmark, Copenhagen, Denmark

SPEAKERS

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

Hanne Haack Larsen, COO, Experimentarium, Hellerup, Denmark

Luigi Amodio, Director of the Science Centre, Fondazione IDIS – Città della Scienza, Naples, Italy

Ioannis Miaoulis, President and Director, Museum of Science, Boston, United States

BIOTECHNOLOGY IN INFORMAL SCIENCE ENVIRONMENTS

12:00 – 13:15

ROOM 4

REVERSE

#room4

SCIENCE ♥ SOCIETY

Biotechnology can provide solutions to global challenges in several fields including health, agriculture, medicine, energy, and bio-economy. Informal science environments are perfect settings to inspire and engage people with biotech. How can science centres and museums improve their presentation of biotechnology-related activities? How can they keep up with the rapid pace of innovation while addressing the complex science and controversial questions that arise from emerging biotechnologies and personally engaging visitors from diverse backgrounds? This session will explore various projects and communities that engage audiences with biotechnology and synthetic biology in informal environments. Our diverse panel of speakers will inspire participants and help them start organise or fine-tune their own biotech-related activities.

CONVENOR

David Sittenfeld, Program Manager, Forum, Museum of Science, Boston, United States

SPEAKERS

Carlin Hsueh, Project Manager, Association of Science-Technology Centers, Washington DC, United States, @biotechtour

Gisela Oliveira, Education Unit, Pavilion of Knowledge (Pavilhão do Conhecimento) – Ciência Viva, Lisbon, Portugal

Lucia Martinelli, Researcher, MUSE – Museo delle Scienze, Trento, Italy

THE HALF-LIFE OF EUROPEAN PROJECT CONTENT

12:00 – 13:15

ROOM 5

WORKSHOP

#room5

LEARNING, MARKETING & COMMUNICATION

Science centres and museums have been part of numerous European projects. The consortia invest a lot of time and energy into developing and testing elaborate deliverables and trying to disseminate them. However, a lot of the good stuff created in these projects seems to have a very short half-life. Which materials and practices from (finished) European projects have survived in our community? Why? How can we manage true dissemination into organisations that were not involved, thus enriching the practices of our field? Are we acknowledging if our ideas were inspired by a European project? Experienced EU project managers will spark the discussion by sharing surviving practices and products from various projects. Participants will identify those that have indeed inspired them. In small-group discussions we will discuss how we as a field can make better use of the wealth of materials, tools and insights from European projects. How can we learn about them – are there effective channels besides the Ecsite conference, website and Spokes magazine? What would we need to gladly adopt them into our own practices? How can we give due credit and feedback if we evolve something further?

CONVENOR

Barbara Streicher, Executive Manager, Science Center Netzwerk, Vienna, Austria, @b_streicher

SPEAKERS

Varda Gur Ben Shitrit, Deputy Director for Content Development, The Bloomfield Science Museum Jerusalem, Jerusalem, Israel

António Gomes da Costa, Independent Consultant – Science Communication and Education, António Gomes da Costa – Comunicação em Ciência Unipessoal lda, Lisbon, Portugal

Barbara Streicher, Executive Manager, Science Center Netzwerk, Vienna, Austria, @b_streicher

Sofia Adjias, European affairs manager, Universcience, Paris, France

CAFÉS – MORE THAN GOOD COFFEE

12:00 – 13:15

ROOM 6

REVERSE

#room6

BUSINESS & FUNDRAISING,
STRATEGY & VISION

We all know that visitors perceive their visit as a whole experience: their interaction with staff, the cleanliness of the toilets, the wayfinding in place and the quality of coffee in the cafeteria all contribute to their general impression, as much as exhibitions and events do. When it comes to catering, most organisations are aware of the fact that the minimum they can do is serve decent food and drinks at a decent price in order not to tarnish the whole visit. Some science centres and museums have even turned their catering spaces into neatly branded cafés and restaurants offering a very pleasant food experience. But you can go further: speakers of this session will argue that your café can do much more than fulfilling physiological needs at the bottom of the Maslow pyramid. Your café can play a crucial role in delivering your ambitious social, educational and cultural mission. Each speaker will describe their own café's unique contribution to organisation-wide goals, before inviting the audience to discuss holistic visitor experiences, café synergies with exhibitions and programmes, brand and design alignment and more.

CONVENOR

Joanna Kalinowska, Sponsoring Specialist, Copernicus Science Centre, Warsaw, Poland

SPEAKERS

Rob de Winter, Communications Manager, Museum, The Hague, The Netherlands, @RobdeWinter1

Cristina Smandia, Head of Public Programmes and Communication, Fundació Bancària "la Caixa" (CosmoCaixa Barcelona), Barcelona, Spain

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

Lynn Scarff, Director, Science Gallery, Trinity College, Dublin, Ireland

SUSTAINABILITY CHALLENGES: SHARING BEST PRACTICE

12:00 – 13:15

ROOM 7

WORKSHOP

LEARNING, SCIENCE ♥ SOCIETY

#room7

▲ EDGY

'Life is Everywhere' is a fitting theme when discussing sustainability, which focuses on conserving nature while ensuring humans can live well on Earth, now and in the future. During this interactive session, participants will break into small thematic teams to discuss critical issues to implementing sustainability in science centres and museums. The different themes will be: operations; education/outreach; organisational change/leadership. Participants will self-select into groups where they will receive a case study. Attendees will offer solutions while sharing best practices they've experienced. Attendees will then report their discussions to the larger group with the hope of connecting like-minded organisations to provide further networking opportunities and continued best practice sharing. Each participant will also receive a list of resources and examples of activities they can use to engage their visitors in sustainability concepts.

CONVENOR

Stacey Freeman, Senior Sustainability Scholar and Program Manager, Arizona State University, Tempe, United States

SPEAKERS

Paolo Degiovanni, Education Officer, MUSE – Museo delle Scienze, Trento, Italy

Chris Dunford, Sustainability Engagement Manager, At-Bristol, Bristol, United Kingdom, @BrianRoboFalcon

Anna Gunnarsson, Teacher/Developer, NAVET, Kinna, Sweden

DESIGNING NEW TINKERING ACTIVITIES: THE PROCESS

12:00 – 13:15

MAKERSPACE

WORKSHOP

LEARNING, EXHIBIT DEVELOPMENT

#EccsiteMakers

In this session we will dive into the process of designing new tinkering activities. We will explore and play around with prototype activities from large scale outdoors activities to frugal but still high tech workshops. Through these diverse examples that represent different stages of development, participants will gain an understanding of the steps for creating and improving tinkering activities for different audiences and contexts. Where do new ideas originate? How do we choose the right materials? What partnership can we build with other stakeholders or communities? How to design activities to be engaging, collaborative, and deep? Together we will discuss, reflect and give shape to new activities that you might see soon, for real, in different science centres around the world.

CONVENOR

Vanessa Mignan, Head of Education and Public Engagement, TRACES / Espace des Sciences Pierre-Gilles de Gennes, Paris, France, @GroupeTraces

SPEAKERS

Samar D. Kirresh, Senior Researcher, A. M. Qattan Foundation, Ramallah, Palestinian Territory

Jon Haavie, Makerspace educator, Norsk Teknisk Museum, Oslo, Norway

DROP-IN AND PLAY

12:00 – 13:15

GAMELAB

OTHER

#GameLab

LEARNING, SCIENCE ♥ SOCIETY

The GameLab is an informal space entirely dedicated to gaming. It will be open all day on the conference's three days. It is a drop-in space. There will be games to play, game makers to meet. A different host each day will be present to lead debates and bounce ideas off. At any one time there will be 2-5 game makers on hand to test ideas, play test your games if you want to bring them along and get feedback or help develop your ideas if you are commissioning games for your museum or organisation.

CONVENOR

Ran Peleg, Curriculum Developer and Project Manager, Weizmann Institute of Science, Rehovot, Israel

SPEAKERS

Ran Peleg, Curriculum Developer and Project Manager, Weizmann Institute of Science, Rehovot, Israel

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

CONNECTING SCIENCE CENTRES WITH FORMAL SCIENCE EDUCATION

14:30 – 15:45

THE HALL OF LIFE

REVERSE

#hl

SCIENCE ♥ SOCIETY,
STRATEGY & VISION

▲ EDGY

Connecting formal and informal science education is a challenging task for many of us: how can science centres and museums develop learning environments that are close enough to have a direct impact on school teaching? Can they influence formal science education policy? This session explores innovative approaches to establishing this connection and discusses the challenges and impact of these initiatives. Showcased examples range from welcoming pupils at the science centre for a series of curriculum-linked sessions to outreach activities at school, from supporting teachers' professional development to involving local volunteers. The discussion part of this reverse session will not only question your ideas on connecting science centres and museums with formal education, but also try to find answers to common challenges – challenges that we experienced ourselves and solved in different ways.

CONVENOR

Lorenz Kampschulte, Scientific Coordinator, Kiel Science Outreach Campus KiSOC, Kiel, Germany

SPEAKERS

Pedro Pombo, Director, Fábrica Science Centre, Aveiro, Portugal

Ronen Mir, Director – Schwartz-Reisman Science Education Centers, Clore Garden of Science – Davidson Institute of Science Education, Rehovot, Israel

Jennifer Martin, President + CEO, TELUS Spark, Calgary, Canada, @sparkceo

Miha Kos, Director, Ustanova Hiša Eksperimentov, Ljubljana, Slovenia

Ian Simmons, Consultant, Science Centres International, Newcastle Upon Tyne, United Kingdom

SCIENCE POLITICS: HOW AND WHEN TO TAKE A STAND

14:30 – 15:45

ROOM 1

REVERSE

#room1

SCIENCE ♥ SOCIETY, EXHIBIT DEVELOPMENT

Surveys show that museums and science centres remain the most trusted public organisations, exceeding government agencies and universities. Despite socio-political dissonance in public discourse, the public appears to trust science itself and informal education institutions to present science without agenda. However, content developers are repeatedly challenged by politics inherent to science. Facts are incontrovertible but choice of content, style, and even language are up for debate. We discuss the biases, responsibilities, and morals at the intersection of sponsorship, politics and literacy. We challenge our participants to explore their own neutrality and methods of advocacy. Our graphic facilitator will lead the session with hand-drawn images to explore the shared ideas, producing an evolving large-scale concept map that records the dialogue.

CONVENOR

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

SPEAKERS

Ragnhild Freng Dale, PhD Candidate, Scott Polar Research Institute, University of Cambridge, Cambridge, United Kingdom, @ragnhildd

Sarah Seiter, Associate Curator of Natural Science, Oakland Museum of California, Oakland, United States, @sarahseiter

Carl Salk, Ecosystems Services and Management Program (ESM), International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria

Hannah Sundqvist, Editor & Content Developer, Universeum AB, Gothenburg, Sweden

DESIGNING FOR GENDER DIVERSITY

14:30 – 15:45

ROOM 2

WORKSHOP

#room2

SCIENCE ♥ SOCIETY, EQUITY & INCLUSION

Never have science centres and museums been more aware of their obligation to be 'for everyone'. At the same time, recent discoveries in science education research have pointed out just how subtle exclusion mechanisms can be, even among institutions that take conscious, active steps to be inclusive. Moreover, the exclusion mechanisms can be located at institutional or societal levels beyond the reach of individual science educators. This workshop will introduce participants to a guiding framework and engage them in identifying gender exclusion mechanisms at the micro, meso, and macro levels in concrete cases from science centres and museums. Participants will work intensively in groups to generate suggestions for resolving or remedying these issues, utilising their considerable expertise in combination with the framework. Finally, an expert panel will offer perspectives on the participants' discussions and the framework's implications for science centre and museum practice.

CONVENOR

Barbara Streicher, Executive Manager, Science Center Netzwerk, Vienna, Austria, @b_streicher

SPEAKERS

Toni Dancstep, Senior Researcher, Exploratorium, San Francisco, United States

Justin Dillon, Professor of Science and Environmental Education, University of Bristol, Graduate School of Education, Bristol, United Kingdom, @JustinDillonUoB

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

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

THE FINAL COUNTDOWN! SURVIVING THE LAST SIX MONTHS BEFORE OPENING

14:30 – 15:45

ROOM 3

REVERSE

EXHIBIT DEVELOPMENT,
MARKETING & COMMUNICATION

#room3

● FOUNDATIONS

New gallery? New exhibition? New centre? How do we avoid the last 6 months of a major capital project turning into a confused rush to the finish panic? Speakers working on recent and current capital projects share some of the things they wish they had known beforehand and reflect on how visitors are responding to the new displays, interactives and programmes. What are the practical challenges that we face in these critical last few months and how do we deal with them? How do we plan and develop content for digital interactives so that they really support our interpretation, and how do we inform visitors of the new exhibition that is coming their way? Bringing experience both from internal staff and external contractors, from a variety of projects, our speakers each share their experiences followed by a confession/sharing session with the participants, to devise a “Top 10 Tips” list to share with the wider community.

CONVENOR

Tania Johnston, ESO Supernova Coordinator,
ESO European Southern Observatory,
Garching, Germany, @taniaj78

SPEAKERS

Emma Webb, Museum Learning Manager,
National Museums of Scotland, Edinburgh, United Kingdom
Oana Sandu, Communication Strategy Officer & Community
Coordinator, ESO European Southern Observatory,
Garching, Germany, @oanasandu
Werner Rien, Designer, Archimedes
Exhibitions, Berlin, Germany
Jochen Viehoff, Director, HNF Heinz Nixdorf
MuseumsForum GmbH, Paderborn, Germany

WHEN ART FERTILIZES SCIENCE EXHIBITIONS

14:30 – 15:45

ROOM 4

PANEL

EXHIBIT DEVELOPMENT

#room4

For years, art and science were on the agenda of institutions looking for another way to speak about science, another audience and maybe some extra measure of harmony. Nevertheless, very often the “and” in “art and science” means a juxtaposition without real cross-fertilization. Spaces especially dedicated to art are created. Science exhibitions host art pieces. But the visitor always faces a difficulty: usually expected to be a decoder, in a logic of explanation / understanding, she or he is asked, within the blink of an eye, to switch to an emotional, intuitive mode. Is this a fatality? Can we marry art and science more intimately? Would there be a specific design for this particular mix? The session will present several attempts of integration of an artistic approach in the design of scientific exhibitions, fusion between the artistic and the “museographic” approaches. It will highlight the benefits of this integration but also its limits and constraints.

CONVENOR

Sophie Biecheler-Fiocconi, Director for Institutional
& International Affairs, Universcience, Paris, France

SPEAKERS

Michèle Antoine, Director of Exhibitions,
Universcience, Paris, France
Ian Brunswick, Programme Manager, Science Gallery,
Trinity College, Dublin, Ireland, @ianbrunswick
Claire Pillsbury, Program Director, Osher Fellowships,
Exploratorium, San Francisco, United States
Virginio Gaudenzi, Adjoint Director, Museum
of Toulouse, Toulouse, France

FOOD: A GATEWAY TO SCIENCE

14:30 – 15:45

ROOM 5

WORKSHOP

#room5

LEARNING, SCIENCE ♥ SOCIETY

Just as there is a diversity of life forms that each eat a range of foods for sustenance, there are a number of museums and science centres that use food as a way of engaging visitors and students in science education. “Food for curious minds” was the theme of the 2015 Ecsite Annual Conference in Trento, Italy, where many great ideas, exhibits, programmes, and hands-on activities were shared and presented. How many of these activities continue? How many new food-related activities have been inspired since then? This workshop features many of the leaders and participants from the 2015 conference who have connections with food as a gateway to science, technology, engineering, and math (STEM). There will be hands-on activities, brief presentations (we want more doing than presenting), and discussion with the audience about some of the key elements and constraints that make food a topic to connect everyone’s life with STEM education.

CONVENOR

Peter Wong, Director of Food STEM Initiative, Museum of Science, Boston, United States, @peterwongboston

SPEAKERS

Filipe Carmo, Education Unit, Pavilion of Knowledge (Pavilhão do Conhecimento) – Ciência Viva, Lisbon, Portugal

Andy McLeod, Special Projects Manager, The Association for Science and Discovery Centres, Bristol, United Kingdom, @andysmcleod

Ivonne Delgadoillo, President of the Management Committee – Coordinator The Kitchen is a Laboratory, Fábrica Science Centre, Aveiro, Portugal

Noel Jackson, Head of Education, International Centre for Life, Newcastle, United Kingdom

ISCSMD – MARKETING GAG OR IMPACT BOOST?

14:30 – 15:45

ROOM 6

REVERSE

#room6

STRATEGY & VISION,
MARKETING & COMMUNICATION

On 10 November 2016, science centres and science museums worldwide celebrated the first International Science Center and Science Museum Day (ISCSMD). On that day, many of us addressed the Sustainable Development Goals (SDGs) declared by the United Nations through interactive activities, exhibits and programmes. In this session we will critically discuss the benefits of such internationally coordinated efforts from an institutional perspective. Why did we decide to participate in this global day of action? What were our motivations and the benefits we expected – and did they actually manifest themselves (in terms of visibility, visitors, content development, media attention, network partners...)? We will listen to critical and enthusiastic voices and use this inspiration to engage in in-depth-discussion. In the light of a probable continuation of ISCSMD in 2017, we will build on our experiences from 2016, but also look ahead. In small groups, we will talk about “lessons learned” and discuss suggestions for the future. Is it worth participating in an internationally coordinated activity such as ISCSMD?

CONVENOR

Sarah Funk, Project Manager, Science Center Netzwerk, Vienna, Austria

SPEAKERS

Ayah Younis, Education and Programs Manager, The Children’s Museum Jordan, Amman, Jordan

Dorota Wislicka, Chief Specialist, Copernicus Science Centre, Warsaw, Poland

Didier Michel, Director, Amcsti, Paris, France, @didmichel

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

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

Lavinia Del Longo, Head of Development, MUSE – Museo delle Scienze, Trento, Italy

OCEAN PLASTIC – HOW CAN SCIENCE CENTRES CONTRIBUTE TO SOLUTIONS?

14:30 – 15:45

ROOM 7

WORKSHOP

#room7

LEARNING, SCIENCE ♥ SOCIETY

Addressing complex, multi-stakeholder topics in science is one of the biggest challenges for science centres and museums nowadays. These topics are often far-removed from people's daily lives and making them engaging for the public requires appropriate skills and experience. This session takes the topic of marine litter as a prime example. Plastic pollution in the ocean is a problem which affects and is affected by our daily lives, and we often are not aware of it. Science centres, museums and aquariums are extremely well placed to invite stakeholders to a dialogue based on reliable science. But how can we bring them in? And how can we engage the public to discuss those topics? We will hear quick-fire presentations from professionals involved in projects like Sea for Society, Sea Change and MARINA, before breaking into small group discussions. We'll be sharing experiences about the difficulties we've faced in different projects and activities across Europe, so bring your own challenges along to be discussed!

CONVENORS

Ana Noronha, Executive Director of Ciência Viva, Pav. of Knowledge (Pav. Conhecimento)
– Ciência Viva, Lisbon, Portugal

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

SPEAKERS

José Teixeira, Coordinator of Science Outreach Office, CIIMAR – Centro Interdisciplinar de Investigação Marinha e Ambiental, Porto, Portugal

Francesca Santoro, Programme Specialist at UNESCO-IOC, Intergovernmental Oceanographic Commission of UNESCO, Venice, Italy, @frasantorina

Xenia Theodotou Schneider, Owner and Principal Consultant, XPRO Consulting Limited, Nicosia, Cyprus, @XPROConsulting

REFLECTIONS ON TINKERING AND MAKING AT THE #ECSITE2017 MAKERSPACE

14:30 – 15:45

MAKERSPACE

WORKSHOP

#EcsiteMakers

LEARNING, STRATEGY & VISION

Throughout the Ecsite conference, the MakerSpace has been filled with tinkering and making activities, inspiring creations and examples of past projects. While we've explored these experiences as a learner, this pop-up MakerSpace also gives us the chance to reflect upon the elements and qualities of MakerSpaces using our specific environment as a concrete example. In this session, we'll zoom out and hear from museum professionals who will use the Ecsite MakerSpace as a case study to examine different aspects of making and tinkering work. We'll have a conversation about these qualities and share tools for reflection that can help us design spaces and workshops that suit different needs and programmes.

CONVENOR

Karen Wilkinson, Director, The Tinkering Studio, Exploratorium, San Francisco, United States, @TinkeringStudio

SPEAKERS

Amos Blanton, LEGO Idea Studio Manager, The LEGO Foundation, Billund, Denmark, @AmosLightnin
Lynn Scarff, Director, Science Gallery, Trinity College, Dublin, Ireland

Marjolein van Breemen, Head of Learning & Research/ Science Learning Center, NEMO Science Museum, Amsterdam, The Netherlands, @M_van_Breemen

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

DROP-IN AND PLAY

14:30 – 15:45

GAMELAB

OTHER

#GameLab

LEARNING, SCIENCE ♥ SOCIETY

The GameLab is an informal space entirely dedicated to gaming. It will be open all day on the conference's three days. It is a drop-in space. There will be games to play, game makers to meet. A different host each day will be present to lead debates and bounce ideas off. At any one time there will be 2-5 game makers on hand to test ideas, play test your games if you want to bring them along and get feedback or help develop your ideas if you are commissioning games for your museum or organisation.

CONVENOR

Ran Peleg, Curriculum Developer and Project Manager, Weizmann Institute of Science, Rehovot, Israel

SPEAKERS

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

Fabrice Jovenot, Senior Experience Designer, National Maritime Museum | Royal Observatory Greenwich, London, United Kingdom, @DanteOnyrium

DESIGNING FOR EMOTION: IMPACT AND EVALUATION

16:30 – 17:45

THE HALL OF LIFE

PANEL

#hl

RESEARCH, THEORY & EVALUATION,
EXHIBIT DEVELOPMENT

We all want our visitors to connect with an exhibition and feel something, whether that's surprise, awe, inspiration or even shock. Most museums use audience profiles to inform their design. And although they can give you some useful insight, they don't tell you much about how to create an emotional impact. Research shows that designers often use three tools to design for emotional impact. They are participation, storytelling and digital technologies. But do these tools actually lead to a better visitor experience? In this session we'll lead you through three experiences that each focussed on one of these tools. We'll talk about the pros and cons, the effect on visitor experience and behaviour and, most importantly, how you can use this knowledge to create emotional impact in your own exhibitions.

CONVENOR

Laurent Carrier, Experience and Exhibition Designer, Toboggan Design Inc., Montreal, Canada

SPEAKERS

Victoria Thomas, Interpretation Manager, Chester Zoo, Chester, United Kingdom, @LearnatCZ

Bernadette Schrandt, Researcher Experience Design for Crossmedia Content, Amsterdam University of Applied Sciences, Amsterdam, The Netherlands, @bschrandt

Bernd Holtwick, Assistant Director, DASA, Dortmund, Germany

OPEN SCHOOLS FOR OPEN SOCIETIES

16:30 – 17:45

ROOM 1

REVERSE

#room1

SCIENCE ♥ SOCIETY, LEARNING

It is often said that school is a mirror of our society. Is this true though? We live in a society that evolves, advances technologically, changes demographically, and that is challenged by the economic crisis. In order for our schools to open up to the societies we live in, there are still many steps to be taken. Open schools should connect and collaborate with informal learning organisations, with parents, with industries, with policy makers. Open schools should be gender inclusive, should act as shared sites of learning for which leaders, teachers, students and the local community share responsibility, over which they share authority, and from which they all benefit through the increase of their communities' science capital and the development of responsible citizenship. This session will begin by providing three examples from a school, a museum and a research institute that are working towards this same goal. Participants will then form groups and share their efforts to make schools more open and the obstacles they have been facing so far.

CONVENOR

António Gomes da Costa, Independent Consultant
– Science Communication and Education,
António Gomes da Costa – Comunicação em Ciência
Unipessoal Ida, Lisbon, Portugal

SPEAKERS

Rosina Malagrida, Head of Living Lab for Health,
IrsiCaixa, Badalona, Spain, @RosinaMalagrida
Aliki Giannakopoulou, Project Manager,
Ellinogermaniki Agogi SA, Athens, Greece
Ines Prieto, Exhibits Design, Cité de l'espace,
Toulouse, France

THE QUINTESSENTIAL PUB QUIZ

16:30 – 17:45

ROOM 2

QUIZ

#room2

LEARNING

▲ EDGY

Do you think you've got what it takes to win the first ever Ecsite Conference Quintessential Pub Quiz? Then join us for a fun-filled, fact-fueled event testing your recall of the conference's varied sessions. (Or at the very least, hear some of the highlights from the sessions you missed!)

Each round will take a different theme from education to marketing, from the keynote to collections. We'll ask questions such as: "Who said this?" "What did they mean by...?" "What was this graphic about?" "Who wore this?" "Whose ear/shoe/hand is this?" "What happened next...?" Additional rounds will challenge your creativity, your originality and your team's communication skills. Come as a team of four, or find team mates when you arrive. A mix of experience and session attendance is desirable; a sense of humour is essential!

CONVENORS & SPEAKERS

Ian Brunswick, Programme Manager, Science
Gallery, Trinity College, Dublin, Ireland, @ianbrunswick
Mikko Myllykoski, Experience Director,
Heureka – The Finnish Science Centre,
Vantaa, Finland, @MikkoMyl
Antonia Caola, Head of International Collaborations
& PR, MUSE – Museo delle Scienze, Trento, Italy
Heather King, Research Fellow, King's College
London, London, United Kingdom

THE POWER OF NARRATIVE STORYTELLING

16:30 – 17:45

ROOM 3

REVERSE

#room3

EXHIBIT DEVELOPMENT

Our session will explore the powers of narrative storytelling in science exhibitions and in other science centre experiences.

We believe that we can bring life to exhibitions and enhance communication with visitors via engaging stories, games and other continual forms of narratives. Different forms of art already use these novel ways of getting people inside new realities.

We will share examples of collaborations with a script writer in our exhibition projects and also present ways of storytelling that we have encountered somewhere else. According to our experiences these narratives need thorough planning, professional scripts and a well-designed presentation to meet these targets. In this session, the tool or technology used is not in focus, but just an enabler.

The session will consist of several case study presentations and an active discussion.

CONVENOR

Heidi Rosenström, Exhibition Producer,
Heureka – The Finnish Science Centre,
Vantaa, Finland

SPEAKERS

Ulrike Kastrup, Museum Director, focusTerra,
ETH Zürich, Zurich, Switzerland

Wenche Fivelsdal, Manager of Exhibition
and Featured Experiences, VilVite,
Bergen Vitensenter AS, Bergen, Norway

Vesa Lepistö, Exhibition Producer,
Heureka – The Finnish Science Centre,
Vantaa, Finland

CULTIVATING LOCAL SCIENCE COMMUNICATION TALENTS

16:30 – 17:45

ROOM 4

SPEED DATING

#room4

SCIENCE ♥ SOCIETY, LEARNING

X-factor, The Voice, MasterChef, you name it: talent scouting is a big thing and makes prize-winning television. Do we embrace science communication talent just as passionately as we embrace young singers and chefs? Can we spot and support these talents? Or is science communication too important to leave to young talents? But then, they will shape the future of science. Initiatives like FameLab, science cafés and festivals appeal to young talent and give them an opportunity to tell about their own work. While on the other hand, and more importantly, it shows audiences that science is a human endeavour and not a textbook exercise. In this session, we'll address the following questions: how can universities nurture the communication skills of PhD-students and post-docs? Do young talents get the chance to develop into mature science communicators? When young researchers tell about their work, do audiences still get to discuss more difficult ethical issues or social responsibility? And as major concern, where do science centres and museums come in?

CONVENOR

Bart Van de Laar, Head of department,
Science LinX – University of Groningen,
Groningen, The Netherlands

SPEAKERS

Anna Dławichowska, Coordinator,
Copernicus Science Centre, Warsaw, Poland

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

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

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

FOSTERING FINANCIAL LITERACY

16:30 – 17:45

ROOM 5

PANEL

LEARNING, SCIENCE ♥ SOCIETY

#room5

▲ EDGY

Financial literacy or financial capability is at the heart of a healthy economy and also the basis for scientific research. There is no science project without funding or budgeting. Or think about science centres and museums: you need sound financial planning to build one and visitors need to have enough money to spare in order to visit. Life requires money and informed financial decisions make life a lot easier. The financial learning centres contributing to this session have all set themselves the task of increasing the financial capabilities of all citizens with a main focus on children and teenagers. If people can start their financial lives knowing how to act responsibly, future problems can be avoided, prosperity can be increased. Three institutions explain how they are tackling the dissemination of financial knowledge to different target groups, how success is evaluated and what the future holds in store.

CONVENOR

Philip List, Director, Erste Financial Life Park, Vienna, Austria, @flipvienna

SPEAKERS

Giovanna Paladino, Director and curator, Museum of Saving, Turin, Italy, @mdr_torino

Nina von Gayl, Curator, Erste Financial Life Park, Vienna, Austria

Marcela Gonzalez, CFO, Museo Interactivo de Economía, Mexico City, Mexico

ECOSYSTEMS FOR LIFE LONG LEARNING

16:30 – 17:45

ROOM 6

WORKSHOP

LEARNING, SCIENCE ♥ SOCIETY

#room6

People learn everywhere, all the time, all through their lives; and they can be motivated to engage with science at all those moments and locations. Children spend just 16% of their waking time at school! To help society become more scientifically literate and to empower citizens to make informed decisions, we should connect schools with out-of-school learning environments, such as science centres and museums. Learning ecosystems, partnerships between local learning environments, enable people to follow coherent learning paths of their choice. In a well-functioning learning ecosystem children discover their passions in science and explore their talents continuously at school as well as outside school. But how do you organise such collaborations? In this session, partnerships from three countries present their experiences, after which they will act as consultants for others who are interested in partnering up with schools, other museums, local government, and create a learning ecosystem.

CONVENORS

Justin Dillon, Professor of Science and Environmental Education, University of Bristol, Graduate School of Education, Bristol, United Kingdom, @JustinDillonUoB

Marjelle van Hoorn, Association Manager & Chair of REV, VSC Association of Science Centers and Science Museums, Amsterdam, The Netherlands, @sciencemuseums

SPEAKERS

Emma Cook, Exhibition Manager, At-Bristol, Bristol, United Kingdom, @eloucookie

Karen Knutson, Associate Director, University of Pittsburgh Center for Learning in Out of School Environments (UPCLOSE), Pittsburgh, United States

Kevin Crowley, Professor, University of Pittsburgh, Pittsburgh, United States

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

Marjolein van Breemen, Head of Learning & Research/Science Learning Center, NEMO Science Museum, Amsterdam, The Netherlands, @M_van_Breemen

EXHIBITS EVERYONE IGNORES

16:30 – 17:45

ROOM 7

PECHAKUCHA

#room7

EXHIBIT DEVELOPMENT

No matter how passionate we are about them, some exhibits just don't work: maybe they miss their point, maybe they were mis-planned, or misplaced, maybe they were just mis-explained. There are many reasons to why a given exhibit doesn't fulfill its objective: our youthful innocence, our pride in our convictions ("I am right!"), our trying too hard to improve them (and finally make them worse), the untouchable beauty of their design (or its ugliness), or more seriously, our confrontation with the neutrality of our exhibits (or the lack of it). Come and laugh with those who are humble enough to share their experiences – but also learn how to create better exhibits, or how to trash them when the time is right.

CONVENOR

Barbara Maria Neff, Exhibition Manager/Deputy Director, Swiss Science Center Technorama, Winterthur, Switzerland

SPEAKERS

Christina Classen, Project Engineer Exhibits, Experimenta, Heilbronn, Germany

Yvonne Simon, Head of Guest Services, Swiss Science Center Technorama, Winterthur, Switzerland,

Jelena BlankMuh, Head of Unit Interactive Exhibits, Triad, Berlin, Germany

Harry White, Science Centre Consultant, At-Bristol, Bristol, United Kingdom

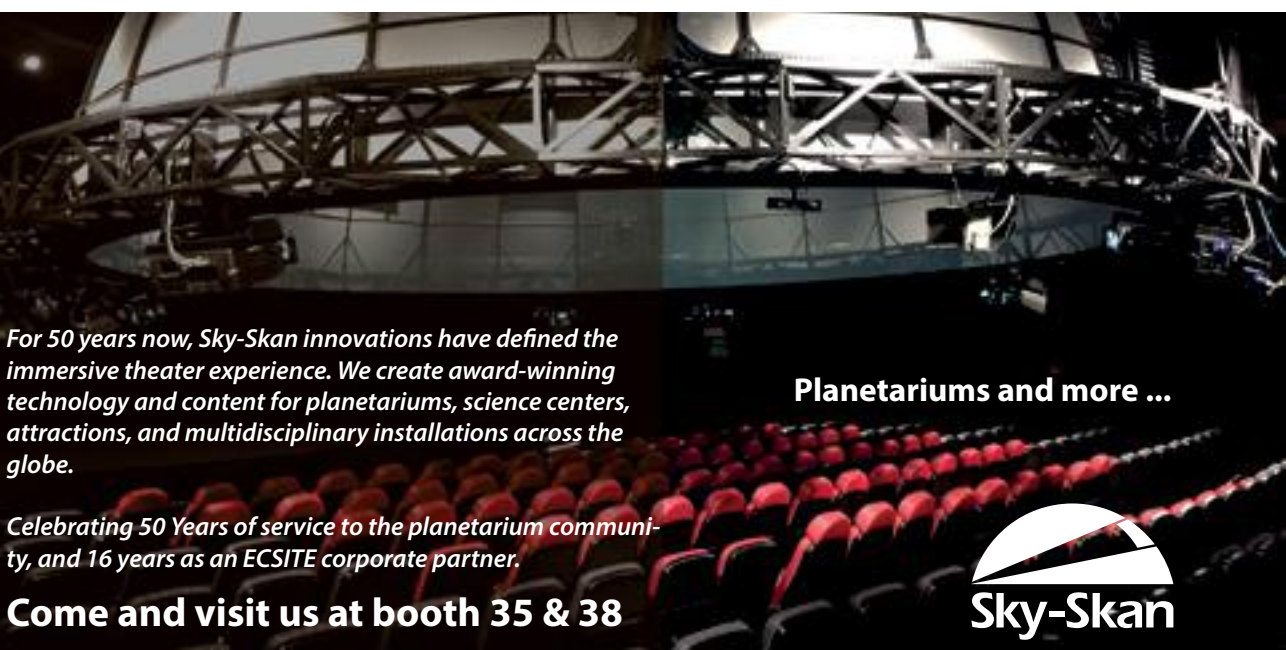
Irena Cieślińska, Chief of Unicorn Division, Copernicus Science Centre, Warsaw, Poland

Ian Russell, Director, Ian Russell Interactives, High Peak, Derbyshire, United Kingdom

Claudia Schleyer, Consultant for Interactive Exhibits, Berlin, Germany

Elsa Bailey, Director/Principal, Elsa Bailey Consulting, San Francisco, United States

Axel E. Hüttinger, Owner & Managing Director, Hüttinger Interactive Exhibitions, Schwaig, Germany



For 50 years now, 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.

Celebrating 50 Years of service to the planetarium community, and 16 years as an ECSITE corporate partner.

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Planetariums and more ...



DROP-IN AND PLAY

16:30 – 17:45

GAMELAB

DROP-IN SPACE

#GameLab

LEARNING, SCIENCE ♥ SOCIETY

The GameLab is an informal space entirely dedicated to gaming. It will be open all day on the conference's three days. It is a drop-in space. There will be games to play, game makers to meet. A different host each day will be present to lead debates and bounce ideas off. At any one time there will be 2-5 game makers on hand to test ideas, play test your games if you want to bring them along and get feedback or help develop your ideas if you are commissioning games for your museum or organisation.

CONVENOR

Ran Peleg, Curriculum Developer and Project Manager, Weizmann Institute of Science, Rehovot, Israel

CLOSING & HANDOVER CEREMONY

18:00 – 18:40

THE HALL OF LIFE

#hl

Say goodbye to our two 2017 hosts and hello to the Natural History Museum of Geneva team who will be welcoming us for the 2018 Ecsite Annual Conference (7-9 June 2018).

FAREWELL PARTY

21:00 – 02:00

M

SOCIAL EVENT

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

As Porto gets ready for its traditional Saint John's street festival, get an anticipated taste of this mini-carnival with a popular atmosphere, just outside the Natural History and Science Museum – also enjoy the Museum's atrium transformed into a fancy club.

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

Recommended dress code: casual.

If you haven't done so yet, buy your ticket at the registration desks. Price: €49,20 VAT incl.

More information on page 136

PROGRAMME

21:00 – 00:00

Outdoors Saint John's mini-carnival
Largo Amor de Perdição
in front of the Photography Portuguese Centre

Get your free food & beverage ticket
at the Natural History and Science Museum
of the University of Porto (MHNC-UP)

00:00 – 00:45

Open bar at the Museum
MHNC-UP

00:00 – 02:00

Late night at the Museum
MHNC-UP

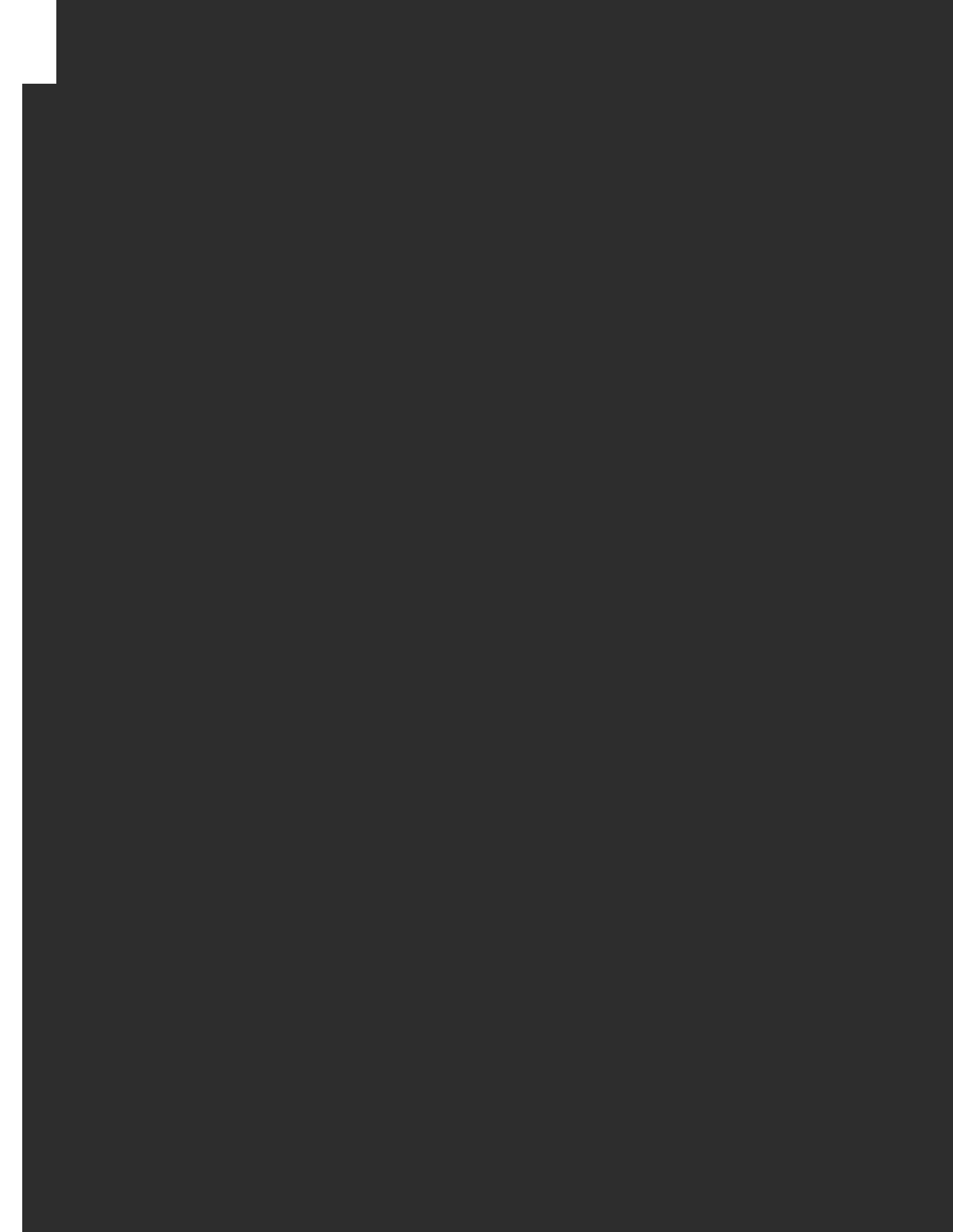
A stylized map of Europe where the landmass is represented by a solid blue shape against a white background. The map is composed of several large, angular blocks. A small red dot is placed on the western coast of the Iberian Peninsula, representing Portugal. A thin black horizontal line extends from this dot to the left, pointing to the text. A small blue wavy line is positioned just above the red dot, representing the coastline. The text 'Portugal' is in a bold, black, sans-serif font, and 'Europe' is in a regular, black, sans-serif font below it.

Portugal
Europe

FEEDBACK

HOW DID IT GO?

You will be meeting a team of evaluators conducting “snapshot interviews” onsite during lunches and coffee breaks on Saturday 17 June. Feedback forms will also be at your disposal at each session, and you will be receiving an online questionnaire after the conference. Please take a few minutes to help shape future conferences.



SPEAKERS AND CONVENORS

A

ELYNE **AAVIKSOO** 38
MARIANNE **ACHIAM** 27, 39, 70, 82
SOFIA **ADJAS** 79
TANJA **ADNAĐEVIĆ** 50
SEVIL **AKAYGUN** 44
HAMID **AL NAIMIY** 71
LEONEL **ALEGRE** 55, 73
SARAH **ALEXANDER** 37
LEONARDO **ALFONSI** 50, 59, 69
SHARON **AMENT** 31, 72
LUIGI **AMODIO** 35, 78
JAN ALFRED **ANDERSSON** 56
DANIELA DE **ANGELI** 24, 52, 63
MICHÈLE **ANTOINE** 72, 83
EVE **ARACHTINGI** 42
MAGNÓLIA **ARAÚJO** 64
LOUISE **ARCHER** 43
MALVINA **ARTHEAU** 50
ROBERT **ASPINALL** 51
DACHA **ATIENZA** 45
BAERBEL **AUFFERMANN** 60
JACQUES **AYER** 70
LUÍS **AZEVEDO RODRIGUES** 46, 50

B

GUDRUN **BACHMANN** 32
ELSA **BAILEY** 90
LIZZY **BAKKER** 24, 46
EMILY **BALDWIN** 20
ANDREA **BANDELLI** 35, 58
PAWEŁ **BARCZYŃSKI** 41
REBECCA **BARNES** 20
DANIEL **BÁTYI** 31
JULIE **BECKER** 31, 37, 50, 61, 79
GUNNAR **BEHRENS** 40
JAMIE **BELL** 32
JOHAN **BELLMAN** 45

DOV **BERCOVICI** 71
THOMAS B **BERG** 28, 54, 72
STEPHANE **BERGHMANS** 88
MARIE-AGNÈS **BERNARDIS** 38
GÈNE **BERTRAND** 37
LOUISE JULIE **BERTRAND** 37
ALBRECHT **BEUTELSPACHER** 73
SOPHIE **BIECHELER-FIOCCONI** 83
RACHAEL **BLACKBURN** 71
JELENA **BLANKMUHR** 90
AMOS **BLANTON** 63, 85
IDA MARIE **BØE** 71
PIETER **BOERMAN** 60
MATHIS **BOGENS** 37, 50
JULIE **BØNNELYCKE** 39
LAURENT **BONTOUX** 36, 43
RITA **BORGES** 42
MARISA **BORGES** 22
CHRISTOF **BÖRNER** 49
DOMINIQUE **BOTBOL** 42
MICHAEL **BRADKE** 31, 50
THIERRY **BRASSAC** 33, 45
CYNTHIA **BROWN** 37, 51
IAN **BRUNSWICK** 48, 53, 83, 87
ANNE-MARIE **BRUYAS** 45
MICHIEL **BUHEL** 30, 45
MICHAŁ **BULAWA** 41
STEFANO **BURATTI** 41, 57, 74

C

GULTEKIN **CAKMAKCI** 38
SARA **CALCAGNINI** 39, 43, 60
OZLEM **CAM** 65
RITA **CAMPOS** 45, 64
ANTONIA **CAOLA** 70, 87
CHRISTOPHER **CARDIEL** 59
FILIPE **CARMO** 84
LAURENT **CARRIER** 86

CARLOS **CATALÃO ALVES** 22, 55, 70
LUIGI **CERRI** 64
KATERINA **CHABOVA** 31, 54
RAPHAEL **CHANAY** 61, 67
AUDREY **CHANG** 51, 82
JENNIFER **CHOW** 34
IRENA **CIEŚLIŃSKA** 90
MANUEL **CIRA** 21, 85
CHRISTINA **CLASSEN** 90
GÉRARD **COBUT** 33, 40
ORNA **COHEN** 56
FIORELLA **COLIOLO** 21
LINDA **CONLON** 48, 70
EMMA **COOK** 89
PIERRE **COULON** 33
KEVIN **CROWLEY** 23, 89

D

IMMACOLATA **D'ACUNTO** 64
RAQUEL **DA CUNHA** 40
RAGNHILD FRENG **DALE** 82
WELMOET **DAMSMMA** 19, 49, 71
TONI **DANCSTEP** 49, 59, 82
EMILY **DAWSON** 43, 76, 82
LIESBETH **DE BAKKER** 62
DICK **DE JONG** 54
JET **DE WIT** 54, 66
PAOLO **DEGIOVANNI** 80
LAVINIA **DEL LONGO** 61, 84
IVONNE **DELGADILLO** 84
HUMBERTO **DELGADO ROSA** 28
JAMES **DEVITT** 50
JENNIFER **DEWITT** 19, 36, 37, 54
DANIELE **DI DOMENICO** 72
FILIPA **DIAS** 73
JUSTIN **DILLON** 44, 82, 89
ANNA **DŁAWICHOWSKA** 51, 57, 88
DEBBIE **DONOHUE** 31

SPEAKERS AND CONVENORS

MARTIN DRENTHE 28
ALESSANDRA DRIOLI 69
ARMIN DUFF 73
CHRIS DUNFORD 80
SARAH DURCAN 35, 51
ANDREA DURHAM 49

E

JOSEFINA ENFEDAQUE 28
ACHIM ENGLERT 28
DOMINGO ESCUTIA 31

F

PAULO FARINHA MARQUES 28
CARMEN FENOLLOSA 50
NUNO FERRAND DE ALMEIDA 31, 33
HÉLDER FERREIRA 46
MICHAEL FESER 61
SEBASTIÃO FEYO DE AZEVEDO 31
PENNY FIDLER 38, 84
BLANKA FIJOLEK 73
SUZANA FILIPECKI MARTINS 38, 64, 88
ROBERT FIRMHOFFER 48, 58
AINA FISKÅ 46
WENCHE FIVELSDAL 88
EMMET FLETCHER 20
DANIEL FOLHA 35
ANN FOLLIN 72
MARIA JOÃO FONSECA 28
NAOMI FOSTER 65
CATHERINE FRANCHE 22, 31
FRANCISCO FRANCO DEL AMO 21, 42
ROOSKE FRANSE 33, 71
STACEY FREEMAN 80
SARAH FUNK 45, 84

G

LINDA GALLÉ 67
ANNE-SOPHIE GALLOU 22
VIRGINIO GAUDENZI 83

ALIKI GIANNAKOPOULOU 38, 70, 86
JAVIER HIDALGO GIL 37
IWONA GIN 64
DANIEL GLASER 56
ANTÓNIO GOMES DA COSTA 22, 35,
48, 79, 87

JOÃO GONÇALVES 51
MARCELA GONZALEZ 89
HELENA GONZÁLEZ 59
JOSE A. GORDILLO MARTORELL 20,
35, 49

MICHAEL JOHN GORMAN 67
AGAPIOS GRIGORIADIS 31
HERVE GROSCARRET 67
MICHAL GRZYMALA 73
HANS GUBBELS 71
FILIPA GUILHERME 28
LAURA GUIMARÃES 21
ANNA GUNNARSSON 65, 80
VARDA GUR BEN SHITRIT 49, 79

H

SABINE HAAKE 65
AMITO HAARHUIS 67
JON HAAVIE 80
HELIN HAGA 21, 57, 62
EVA HOFSTAD HAGEN 65
MAYA HALEVY 39, 60
BODIL HANSEN 65
NILS PETTER HAUAN 19, 37, 71
MORITZ HEBER 37
MATTHEW HEENAN 31, 40
MANUEL HEITOR 31
KIM GLADSTONE HERLEV 54, 71
EVELYNE HIARD 73
PERNILLE HJORT 72, 78
MARIE HOBSON 34, 61
GEORG HOHMANN 77

BERND HOLTWICK 86
CARLIN HSUEH 76
SIGURD HUNSTAD 24, 58
MAIREAD HURLEY 38, 44, 50
AXEL E. HÜTTINGER 90

I

TINA IBSEN 20, 57
ILONA IŁOWIECKA-TAŃSKA 19, 37, 43,
54, 67
BRAD IRWIN 23, 77
LONE ISAKSEN 49

J

NOEL JACKSON 65, 84
ERIK JACQUEMYN 70
ADAM JAMES 36, 46
MARC JAMOUS 24, 52
RYAN JENKINS 26, 36, 41, 57
TANIA JOHNSTON 83
FABRICE JOUVENOT 62, 68, 86

K

JUSSI KAHLOS 74
JOANNA KALINOWSKA 65, 79
LORENZ KAMPSCHULTE 81
ELISABETH R. KILLIE KANEBOG 26, 46
ULRIKE KASTRUP 37, 88
HEATHER KING 23, 54, 70, 77, 87
SAMAR D. KIRRESH 26, 46, 65, 68, 80
DAGMAR KLAUER 70
ANNETTE KLINKERT 59, 69
KATE KNEALE 24, 37, 81, 86
KAREN KNUTSON 89
TAPIO KOIVU 56
MIHA KOS 81
RALPH KRUIJSSEN 66
MAREN KRUMDIECK 42
MARTIN KULHAWCZUK 64
THORSTEN-D. KÜNNEMANN 73

L

GUY **LABINE** 38
DOBRIVOJE **LALE ERIC** 54
NINA **LANGLIE** 31
MICHELE **LANZINGER** 71
MANEL **LAPORTA GRAU** 50, 64
QUITTERIE **LARGETEAU** 67
HANNE HAACK **LARSEN** 78
SHEENA **LAURSEN** 49, 55, 59
CHRISTEL **LE DELLIOU** 35, 49
ANA SOLANGE **LEAL** 50
JULIE **LECLAIR** 31
VESA **LEPISTÖ** 75, 88
AUDE **LESTY** 20
KRISTA **LEUSINK** 33, 45
DORIS **LEWALTER** 19
YIHSUAN **LIN** 68
VINCENZO **LIPARDI** 58, 73
PHILIP **LIST** 89
JOANA **LOBO ANTUNES** 32, 40, 50
IGNASI **LÓPEZ VERDEGUER** 59
RAQUEL **LORENZ COSTA** 21
VERA **LUDWIG** 62
KIM **LUDWIG-PETSCH** 65

M

WAFÂA **MAADNOUS** 77
ANNE **MÆLAND** 19
GUGLIELMO **MAGLIO** 42
ROSINA **MALAGRIDA** 60, 87
LISA **MÅNSSON** 39, 44
BRUNO **MAQUART** 38
CHRISTINE **MARIZZI** 45, 51, 61
CÉCILE **MARSAN** 75
SEBASTIAN **MARTIN** 26, 41, 68
JENNIFER **MARTIN** 72, 81
LUCIA **MARTINELLI** 78
YURI **MATTEMAN** 55, 78, 89

CLAIRE **MCAREE** 37
ANDY **MCLEOD** 84
ROBERT **MEISNER** 20
MARIA **MENENDEZ** 20
MATTEO **MERZAGORA** 27, 32
ANNKATRIN **MEYER** 37
IOANNIS **MIAOULIS** 55, 78
DIDIER **MICHEL** 22, 84
VANESSA **MIGNAN** 27, 68, 80
RONEN **MIR** 81
SARA **MIRA** 45
UWE **MOLDRZYK** 67
INÉS **MONTALVÃO** 56
MONIQUE **MOURITS** 44
MARC **MOUTIN** 20, 35
MIKKO **MYLLYKOSKI** 39, 44, 54, 87

N

BARBARA MARIA **NEFF** 90
RICARDO **NEMIROVSKY** 62
ALEXANDRE **NIEUWENDAM** 21
EFFROSINI **NOMIKOU** 23, 39, 36
ANA **NORONHA** 20, 21, 85

O

AUDREY **O'CONNELL** 31, 37, 72
LISA **O'KEEFE** 31
JOSE AUGUSTO **OCAMPO** 62, 64
JÜRGEN **ÖHLINGER** 43
MAARTEN **OKKERSEN** 45, 59, 84
INÉS **OLIVEIRA** 34, 55
GISELA **OLIVEIRA** 78
TUOMAS **OLKKU** 75
ANNA **OMEDES** 56, 60
MELITA **OVEN** 44

P

CRISTINA **PACA** 64
VESNA **PAJIĆ** 57, 88
GIOVANNA **PALADINO** 89

ERNESTO **PÁRAMO** 58
JON **PARR** 21
DAVE **PATTEN** 77
RAN **PELEG** 24, 72, 81, 86, 91
PER-EDVIN **PERSSSON** 38
TIM **PETHICK** 37
MIKE **PETRICH** 63
MARIA **PFEIFER** 43
CLAIRE **PILLSBURY** 44, 73, 83
AMPARO LEYMAN **PINO** 54
ISABEL SOUSA **PINTO** 21
CAMILLE **PISANI** 58
PEDRO **POMBO** 32, 65, 81
KATARZYNA **POTEGA VEL ZABIK** 36, 71
JAAKKO **PÖYHÖNEN** 75
CARMELO **PRESICCE** 63
DAVID **PRICE** 65
INES **PRIETO** 87
ANNE **PRUGNON** 61, 77
NATHALIE **PUZENAT** 40

R

MAARTIE **RAIJMAKERS** 37, 54
ELIZABETH **RASEKOALA** 27
TOMAS **REHACEK** 21, 56, 64
OLIVIER **RETOUT** 77
MICHAELA **RICCIO** 70
WERNER **RIEN** 39, 44, 83
ELIN **ROBERTS** 50, 74
ALICE **ROBERTS** 53
JOSEPH **ROCHE** 50
TOM **ROCKWELL** 49
KAMIL **ROGULSKI** 61
HEIDI **ROSENSTRÖM** 75, 88
DANIEL **ROSQVIST** 24
PETRA **ROTHHOFF** 36
ISABEL **RUIZ-MALLÉN** 59
IAN **RUSSELL** 40, 65, 73, 90

SPEAKERS AND CONVENORS

ANETT RUSZANOV 51

S

WENDY SADLER 59

CARL SALK 82

HANNU SALMI 55

SORAIA SALVADOR 31

EMMA SANDERS 43, 61

OANA SANDU 83

FRANCESCA SANTORO 85

ACHIM SAUPE 83

LYNN SCARFF 85

STEVEN SCHAEKEN 34

ROY SCHEDLER 19

CLAUDIA SCHLEYER 90

JUTTA SCHLÖGL 74

BERNADETTE SCHRANDT 62, 64, 86

JANTJEN SCHUIJER 51

HEIDRUN SCHULZE 34, 39

JOHN SEAR 24, 52, 58, 63

SARAH SEITER 82

HENRIK SELL 28, 40, 54

LUÍS SERINA 20

CHRISTIAN SICHAU 34

IAN SIMMONS 81

YVONNE SIMON 65, 90

NINA SIMON 76

DAVID SITTENFELD 56, 62, 78

LEE SKOLNICK 39, 44, 54

PETER SLAVENBURG 66

CRISTINA SMANDIA 79

LENA SÖDERSTRÖM 50, 64

DANEL SOLABARRIETA 38

LAUREN SOUTER 33

JESSICA STANLEY 26, 41, 68

WALTER STAVELOZ 56

FRANK STESLOW 71

BETH STONE 55

BARBARA STREICHER 27, 79, 82

HANNAH SUNDQVIST 82

THOMAS SUSANKA 64

ALEX SUSANNA 31, 42

JAKUB SVRCEK 71

T

MONICA TALEVI 20

MARC TAMSCHICK 56

JOSÉ TEIXEIRA 85

XENIA THEODOTOU SCHNEIDER 21,
64, 85

VICTORIA THOMAS 86

SARA TOUGAARD 70

ELISABETTA TRENTIN 65

PETER TREVITT 40

U

KATHRIN UNTERLEITNER 44

V

LIINA VAHER 64

MARJOLEIN VAN BREEMEN 85, 89

BART VAN DE LAAR 32, 44, 88

ROB VAN DEN BERG 35

MICHAEL VAN DER MEER 44

HILJANNE VAN DER MEER 36, 46,
61, 68, 74

MARJOLEINE VAN DER MEIJ 62

WOUTER VAN DER ZOUWE 43

MARJELLE VAN HOORN 19, 23, 48,
65, 77, 89

CORINE VAN IMPELEN 61, 66

MEIE VAN LAAR 26, 38, 48, 73

ILSE VAN ZEELAND 66

ESZTER VARGA 74

ROSALIA VARGAS 31, 38, 58

DOROTHÉE VATINEL 59

DEAN VEALL 33

CRISTINA VEIGA-PIRES 42

DUBRAVKA VEJNOVIC 32, 57

PATRICIA VERHEYDEN 49

ANA VERÍSSIMO 73

JOCHEN VIEHOFF 83

FRISO VISSER 55

MARIA VLACHOU 27

NINA VON GAYL 89

W

JENNIFER WALLACE 37

HÉLÈNE WANG 31

URSULA WARNKE 60

ROB WARREN 31, 51

LINDSAY WASHBURN 37

EMMA WEBB 83

MARKUS WEISSKOPF 69

JANE WERNER 39, 44

CHRISTOPHER WHITBY 34

HARRY WHITE 90

KAREN WILKINSON 33, 63, 85

ROB DE WINTER 79

MARK WINTERBOTTOM 74

DOROTA WISLICKA 84

PETER WONG 84

MELANIE WUNSCH 31

X

MARIA XANTHOUDAKI 23, 36, 74, 85

Y

MALKA YAYON 24, 72

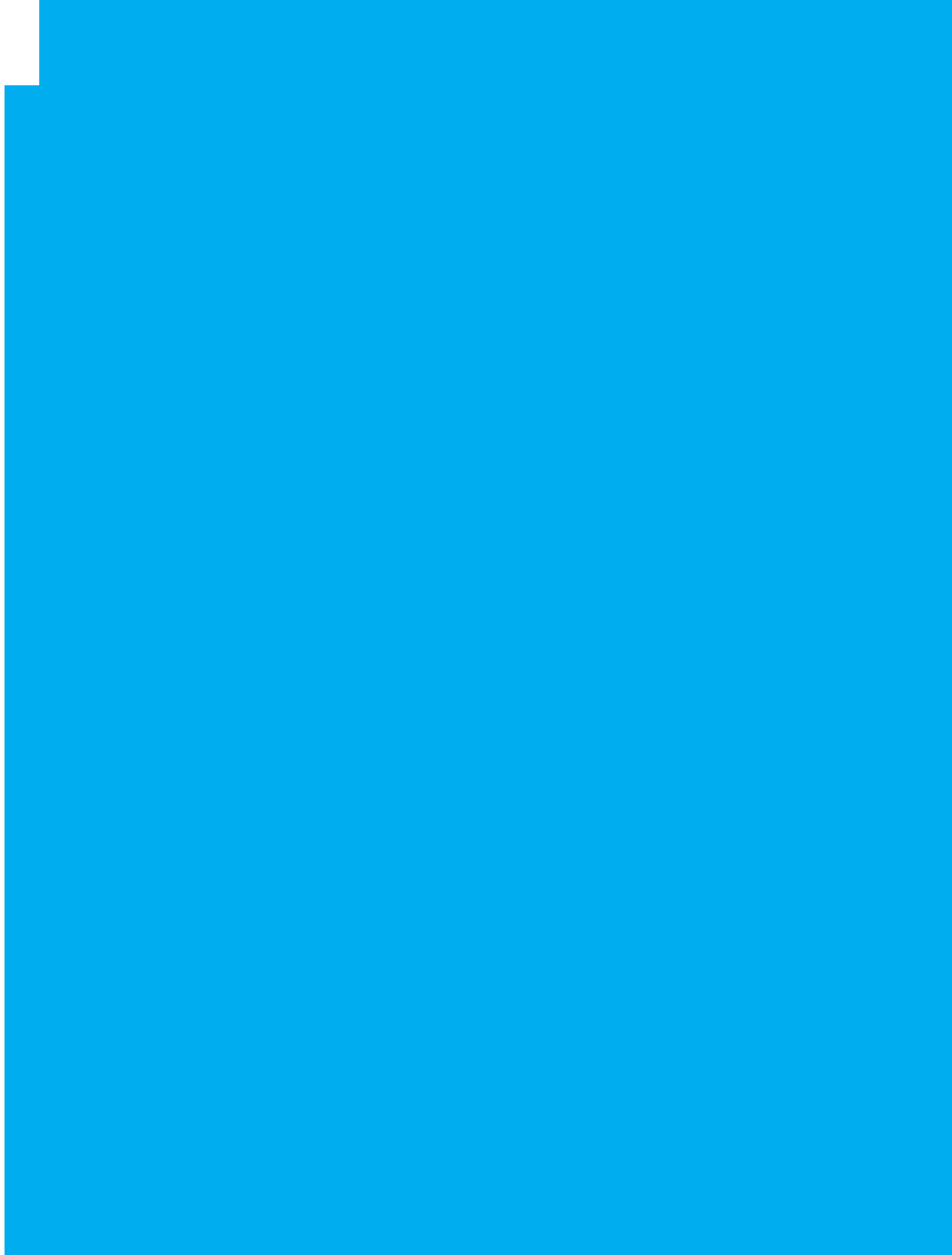
AYAH YOUNIS 84

Z

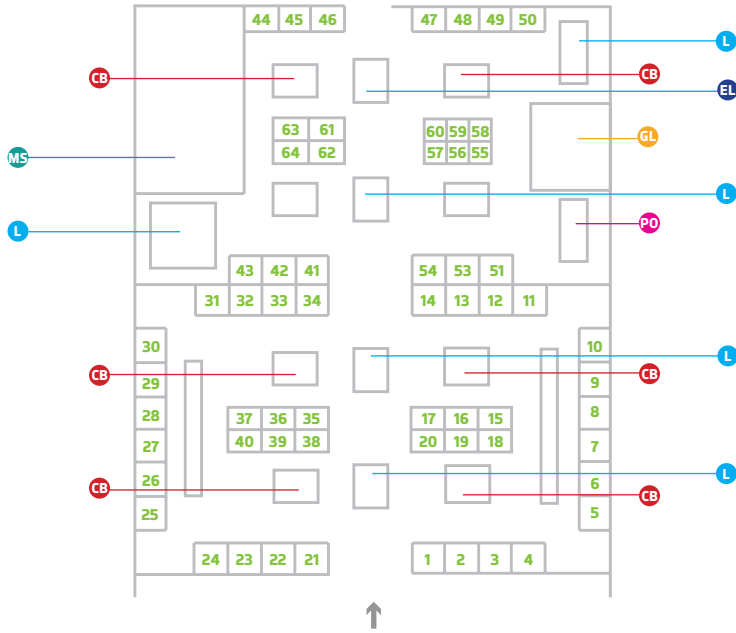
STEFANIE ZIEGLER 37

CRISTINA ZÚÑIGA ORTIZ 37

MARIA ZOLOTONOSA 20, 51, 57



BUSINESS BISTRO



EL ECSITE LOUNGE

GL GAME LAB

MS MAKER SPACE

1 EFFEKTSCHMIEDE GMBH

2 SPL LASCAUX INTERNATIONAL EXHIBITION, MOBULL & AFSP

3 BTM EXHIBIT

4 PAV KNOWLEDGE – CIENCIA VIVA

5 EUROPEAN SPACE AGENCY

6 EUROPEAN SPACE AGENCY

7 KUBIK MALTBIE, INC.

8 SIS.NET

9 DIGITALIS SCIENCE DOME

10 SISSA MEDIALAB

11 ROBETOY

12 SCWS2017

13 NATURAL HISTORY MUSEUM LONDON

14 ARCHIMEDES

15 TURBO TAPE GAMES

L LOUNGES

16 EXPONA

17 EXHIBITS.NL

18 ENGINEERED ARTS LTD

19 MUSEKO

20 BRUNS

21 EXPO BOOKING BY BUSTER

22 MHNC-UP

23 D3D CINEMA / BIRDLY VR

24 D3D CINEMA / BIRDLY VR

25 EU COMMISSION – MSCA

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27 MUSE – MUSEUMS & EXPOS

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29 EXPORABBIT

30 COFFEE SCIENCE CENTER

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37 IMAGINE EXHIBITIONS, INC.

38 SKY-SKAN

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40 UNIVERSCIENCE

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48 PUFFERFISH

49 FLEXHIBIT

50 MUSEUMSPARTNER

51 AGT EUROEVENTS LTD

53 INTERSPECTRAL AB

54 KOSSMANN DEJONG

55 MAPCARDS.NET

56 ELIYA

57 FRIDA & FRED

58 TECHMANIA SCIENCE CENTRE

59 XMS

60 MUSEALLIA

61 GES EXHIBITIONS

62 HÜTTINGER INTERACTIVE EXHIBITIONS

63 MUSEUM OF SCIENCE, BOSTON

64 MUSEUM OF SCIENCE, BOSTON

BUSINESS BISTRO

BUSINESS BISTRO

The Ecsite Business Bistro is the social and commercial hub of the Ecsite Annual Conference. Part coffee bar, part trade show, it's a relaxed environment in which to explore cutting-edge products and strike commercial deals. On Friday afternoon, the Bistro will hold its Happy Hour, when participants will be invited for drinks in a relaxed networking atmosphere.

OPENING HOURS

Thursday 15 June	11:00 – 17:45
Friday 16 June	09:00 – 19:00
Saturday 17 June	09:00 – 16:30

POP UP OFFICE

The pop-up office is a quiet place to catch up with urgent work, burning emails or perhaps read that book you cannot put aside. Bring your own laptop or tablet and enjoy the large communal table and available electricity plugs.

LOUNGES

Have a chitchat with your longtime friend, enjoy a coffee, charge up your phone or close your deal in one of the several lounge areas spread along the Business Bistro.

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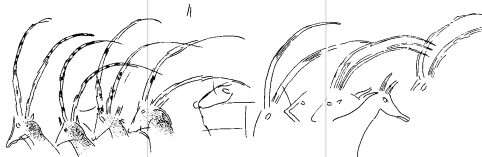
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#5 Paris (France)

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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



OLIVIER RETOUT, PhD
o.retout@dordogne.fr

www.lascaux-expo.fr

“Lascaux – International Exhibition brings together the most remarkable replicas of the



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BUSINESS BISTRO EXHIBITORS



1 **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. It plays with fire and water, light and mist, voltage and energy. All installations correspond 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.



3 **BTM EXHIBIT**. BTM Exhibit aims to raise awareness of children and the younger generation to scientific thought. We are designing and producing interactive experimental facilities and exhibition spaces. Like most researchers, we are constantly researching new experiences and learning methods. We are constantly working on using our imagination to transform the theoretical knowledge into practice. There are some elements that we cannot give up when designing and producing our products. If we list them we can talk about curriculum compliance, ergonomics, durability, portability, fun, curiosity, safety/health, ease of understanding and appropriate material.



2 **SPL LASCAUX INTERNATIONAL EXHIBITION, MOBULL & AFSP**. Lascaux international exhibition is the first presentation of life-size perfect reproduction of the inaccessible prehistoric cave touring worldwide. Mobull, advice, planning and logistics for all traveling exhibitions and fine art AFSP: The Atelier des Fac-Similés du Périgord possesses a world-recognized know-how in reproduction of decorated prehistoric caves.

4 **PAVILION OF KNOWLEDGE – CIÊNCIA VIVA**. The Pavilion of Knowledge – Ciência Viva is the largest interactive science centre in Portugal. Major thematic exhibitions and hundreds of interactive exhibits encourage visitors of all ages to explore and experiment the physical world. Physics, mathematics, technology and other areas of knowledge are spread over an area of 11,000 sqm. Workshops, seminars, scientific laboratories and other activities make this place a house of science for all. The Pavilion of Knowledge is now working intensively on the conception and production of interactive exhibitions, autonomously or in association with other international science centres.



5&6

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 and 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 and astronomy, sends probes to the far reaches of the Solar System and cooperates in the human exploration of space. ESA has 22 Member States.



7

KUBIK MALTBIE, INC. Kubik Maltbie, Inc. is one of the preeminent fabricators of museum exhibits and interactive environments in the world. We are based in Amsterdam, Toronto and the New York Metropolitan area in the USA and have manufacturing facilities totaling over 200,000 square feet. We specialize in the development, prototyping, and fabrication of interactive (hands-on) exhibits and, in addition to top-notch quality fabrication and graphics production, we bring a dynamic team and excellent project management to every project we undertake. Many of our projects we are able to provide a single source solution and offer a complete design/build contract from initial master plan through opening day by teaming with an exhibit design firm.



8

SIS.NET. SiS.net is the international network of National Contact Points (NCPs) for Science with and for Society in Horizon 2020, the EU's Programme for Research and Innovation. The network unites more than 70 representatives from countries participating in Horizon 2020, in Europe and beyond. SiS.net provides high quality services to Science with and for Society stakeholders, authorities, research institutions and enterprises on the opportunities offered by Horizon 2020 to boost integration of scientific achievements into society and engage the society in science.



9

DIGITALIS SCIENCE DOME. Science Dome UK offers leading mobile planetarium systems made by Digitalis Education Inc. Science Dome has long-term experience of setting up and running a successful business. Our planetarium systems are based on fish-eye lens projection from the centre of a fixed or inflatable dome, with no restrictive use of laptops. They are fully computerised with free software updates for life. They are controlled by a remote handset, gamepad or internet browser, so the presenter is able to walk around freely. Registered business name: Admin Support & IT Solutions.



10

SISSA MEDIALAB. Sissa Medialab is the science communication company owned by the International School for Advanced Studies. Sissa Medialab organises events and educational programmes, produces innovative media to communicate science to different audiences and offers consultancy for the development of permanent and temporary exhibitions. It has collaborated with several universities and research centres, institutions and networks. Sissa Medialab has designed and implemented several exhibitions and provided scientific consultancy for the creation of science museums and science centres.



12

SCIENCE CENTRE WORLD SUMMIT 2017 (SCWS2017)

The Science Centre World Summit (SCWS) gathers the world's science centres' professionals and their various partners. Asia hosts the SCWS for the first time at Miraikan in Tokyo from 15 to 17 November 2017. The SCWS offers opportunities for science centres to discuss their strategies for their new roles in society. With the theme of "Connecting the World for a Sustainable Future", a myriad of discussions and collaborations with various stakeholders such as governments, industry, international institutions, and research communities will proliferate to create innovative and practical solutions for global issues.



11

ROBETOY. Do you need exciting products for your museum shop? We are Robetoy. A toy wholesaler from Sweden and we are specialised in toys for Science Centres, Aquariums/Zoo and Natural History Museums. Today we sell to all the big museums in Scandinavia but also to museums in 14 other European countries. Please contact me, Robert Holmgren, for your log-in details to access our easy-to-use webshop. We have no minimum order and we deliver freight free from €800.



13

NATURAL HISTORY MUSEUM LONDON

One of the world's leading visitor attractions for engagement with the natural world, the Natural History Museum of London is a scientific centre of global significance welcoming 5.6 million visitors every year. Our world-renowned displays are seen by millions of visitors all over the world. They include crowd-pleasing dinosaur exhibitions, the prestigious Wildlife Photographer of the Year, and the very best of our unique and varied collections. We are now touring many key objects for the first time in exciting, newly developed exhibitions.



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BUSINESS BISTRO EXHIBITORS



14

ARCHIMEDES. Archimedes Exhibitions designs multi sensual experiences in three-dimensional space since 1996. 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 from all over the world, and even the German Parliament. Archimedes develops location-based shows but also tours its exhibitions across the globe.



15

TURBO TAPE GAMES. Aside from being an established developer and publisher of entertainments games, with five releases since 2008 to date, Turbo Tape Games delivers interactive experiences and teaching installations from synopsis to completion. The company has delivered 34 such projects through nine years, 11 of which are for ViViTe. Turbo Tape Games delivers both tailor productions and customisable installations as out of the box solutions, while still providing the creative and technical adjustments to make it fit right in context where used.



16

EXPONA. In developing exhibitions, Expona collaborates with leading museums, collections and experts worldwide. We tell authentic stories through real objects... and separate facts from fiction. We delivered exhibitions to museums and exhibition centres in more than 20 countries in 4 different continents.



17

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 of the exhibits on location as well as the maintenance of the exhibits. Please check out details of over one hundred exhibits online at www.exhibits.nl



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18

ENGINEERED ARTS LTD. Engineered Arts makes a range of humanoid robots that are used as interactive science communicators at Science & Technology Centres around the world. Come and have a chat with the friendly life sized RoboThespian and his sociable sidekick SociBot at the 2017 Ecsite Business Bistro. We are trusted by institutions such as NASA and multiple national science museums worldwide that use our robots to engage, entertain and communicate with visitors.



19

MUSEKO. Museko is a full-service exhibition design, engineering and building company. Our integrated approach to design, engineering and programming allows us to build stunning exhibitions that are attractive, intuitive to use and work flawlessly. With our dedicated team of 30 experienced designers, engineers, programmers and project managers we really do go the extra mile to fascinate and educate your visitors. Using this recipe we have been making attractive and engaging exhibits for over 12 years. Let's meet at our booth!

BRUNS

20

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. 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.



21

EXPO BOOKING BY BUSTER. An online booking system built with established science centres. Initially developed with Universeum in Gothenburg to meet the ever-changing and sometimes challenging booking environment of a progressive science centre, EXPO Booking has now handled over 25,000 reservations for more than 250,000 students. Since its launch in 2012, EXPO Booking has been continuously improving based on new ideas, changing demands and requirements from more recent adopters such as the National Museum of Science and Technology in Stockholm and the VilVite Science Centre in Bergen.



22

NATURAL HISTORY AND SCIENCE MUSEUM OF THE UNIVERSITY OF PORTO.

Formally established in the end of 2015, the Natural History and Science Museum of the University of Porto (MHNC-UP) has as its main mission the promotion of the dissemination of knowledge about evolution, diversity and the confluence between the natural and the cultural worlds. The MHNC-UP is organised according to a bipolar structure, encompassing a core pole located in the facilities of the Historic Building of the Rectory of University of Porto, and another one, which includes the Hall of Biodiversity – Casa Andresen and the Botanical Garden of Porto.



23 & 24

D3D CINEMA / BIRDLY VR. D3D Cinema specialises in immersive cinema and VR experiences for museum, aquarium, zoo, science centre and attractions industry clients worldwide, providing a unique partnership approach to experiential storytelling, hardware integration, and signature content production. Birdly@ VR, is a one-of-a-kind full-body virtual reality bird flight simulator coupling robotics and simulation technology to deliver an experience like none before. D3D is the official reseller of Birdly@ for special attraction and public non-profit institutions (museums, zoos, aquaria, science centres, gardens, etc).



25 & 26

EUROPEAN COMMISSION – MARIE SKŁODOWSKA-CURIE ACTIONS.

The Marie Skłodowska-Curie Actions support excellent researchers at all stages of their careers, regardless of nationality. Research in any domain can be funded and all institutions can apply (including NGOs, foundations, museums, associations or research centres, for instance). This year we are celebrating the one hundred thousandth fellow benefiting from the Marie Skłodowska-Curie Actions, as well as the 20th Anniversary of our Actions. Our researchers on site will demonstrate their projects and provide valuable personal advice on successful research career paths. Join us at the booths 25 and 26 and become a researcher for a day!



27 & 28

MUSE – MUSEUMS & EXPOS. MUSE is specialist in cultural consulting, design and project development for world and international expos, museums, exhibitions, theme parks, tours and other cultural spaces. We deliver innovative and sustainable solutions for turnkey projects – creative space planning, theming, manufacturing, installation, multimedia, management and operation. Our portfolio includes various high-profile projects in Europe, Asia, Africa and Latin America, recognised with various international awards. Dreaming | Innovating | Creating | Planning | Producing | Managing

BUSINESS BISTRO EXHIBITORS



29

EXPORABBIT. Human brain is designed first to feel and then to think. Any exhibition maker should take that into consideration and make exhibitions that are attractive for all senses. We provide tailor-made exhibition solutions that rely on well-planned storytelling, have a design concept in compliance with topic and functionality. We can help you create and develop an exhibition concept, plan your exhibition space, find the design style that tells your story, make animations and technological solutions, produce and install all that is necessary for the exhibition.

For more information come see us at our booth!



30

COFFEE SCIENCE CENTER. The Coffee Science Center has three missions: scientific, social and cultural, all related with coffee. The objectives of the scientific mission are the education for science for all, contributing to the knowledge of how science works, to the scientific knowledge in the field of coffee studies through a motivating approach underlining its social and humanitarian characteristics and encompassing research and experimentation activities, to promote scientific events such as conferences and symposiums, to build a virtual network with other science museums, universities and research centres and companies.



31

RENKO LTD. Renko Ltd. designs and manufactures exhibits for science museums. It is also involved in helping to set up and operate science museums for municipalities and universities. The company also designs and manufactures experimentation equipment for physics laboratories. Customers include universities and high schools.



32

AMERICAN MUSEUM OF NATURAL HISTORY. The American Museum of Natural History is a leading provider of engaging scientific content to partners around the world. Each year, we produce two 7,000 square foot traveling exhibitions as well as a variety of immersive planetarium shows, HD science videos, intellectual property, and other offerings drawn from the Museum's vast scientific expertise and collections. Our content presents forward-looking scientific questions and inspires intellectual curiosity and discovery while engaging visitors of all ages. More than 250 venues have presented Museum-produced content, in more than 39 countries on six continents.



INTOKYO

2017.11.15[WED]-17[FRI]

National Museum of Emerging Science and Innovation (Miraikan)

Registration is now open on the website!
Early Bird registration ends 15th July.



SCWS 2017

Connecting the World
for a Sustainable Future

Science Centre World Summit

<http://scws2017.org/>

 **Miraikan**



33

2018 ECSITE ANNUAL CONFERENCE. Geneva Natural History Museum and its History of Science Museum, in partnership with the University of Geneva ScienScope and the CERN are very looking forward to host the Annual Conference in 2018. In a society where thoughts, words and deeds are increasingly standardised, placing different world views on a collision course can be a source of innovation and creativity. "Creative collisions", the theme of next year's conference, is a stimulating conception that can help us reinvent communication, teaching, learning, and thinking!



34

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 traveled to 28 countries and over 25 million people worldwide have seen them. 2017 is the year of change at Heureka! On top of the traveling exhibitions, we will enter the state-of-the-art edutainment world through full offering of all science centre related services from consulting to copies and internet based sales to science at the malls. For further information please contact Heureka Overseas Productions Ltd. www.heureka.fi / hop@heureka.fi



35 & 38

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.



36

SCIENCE GALLERY INTERNATIONAL. Science Gallery is a unique university-linked network dedicated to public engagement with art and science. The Network – incorporating Dublin, London, Melbourne, Bengaluru and Venice – has expanded to include the first of a new pop-up 'Lab' format in Detroit. This vibrant network generates exhibitions which bring together a wide and multidisciplinary selection of cutting edge ideas from artists, engineers, designers and scientists. Designed to open up debate, challenge opinion, and create a dynamic visitor experience, our exhibitions are surprising, participative and stimulating.



37

IMAGINE EXHIBITIONS, INC. Imagine Exhibitions is currently producing over 25 unique exhibitions in museums, science centres, aquariums, integrated resorts, and non-traditional venues worldwide. In addition to developing successful traveling exhibitions, we design, open, and operate permanent installations and venues, and we consult on building, expanding, and directing museums and attractions. With over 25 years of diverse experience in the museum and entertainment industries, Imagine Exhibitions consistently develops exhibitions that educate and excite while exceeding attendance goals.

35 & 38

SKY-SKAN. See previous page.



TECHNIQUEST

39

TECHNIQUEST. Techniquest is one of the world's most experienced suppliers of hands on interactives. Our experience of working real-time with our live audiences gives us a deep understanding of not only what works from a design and manufacture perspective, but most importantly, what works for visitors. Our team have expertise in every area of the design and manufacture of hands on exhibits, development of educational programmes and the operational management of a world-class visitor attraction.



40

UNIVERSCIENCE. Being a centre of excellence for science 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, traveling exhibitions and consultancy. Universcience traveling exhibitions cover a wide range of engaging topics. Since the fall 2016, we are touring: *Cats & dogs*, *To risk or not to risk* and *Middle Age*. Coming in 2017-2018: *Cold, Fire, FX* and more... For more details on the exhibitions, visit: www.universcience.fr/exhibitionservices/



MEGALODON
CREATIONS

41

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 to 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.

BUSINESS BISTRO EXHIBITORS



42 & 43

SCIENCE PROJECTS Science Projects is a non-profit organisation specialising in the field of interactive exhibitions from 1986. Our design and build service has supplied exhibits and exhibitions to venues internationally, most recently in Denmark, Malta, Norway and Sweden. We also operate The Observatory Science Centre in south-east England which has a busy programme of events, activities and outreach projects as well as an annual Astronomy Festival. From the centre we rent out our highly engaging traveling exhibitions, 'Exploring Science'.



44

PARQUE DE LAS CIENCIAS Over 20 years experienced team ready to collaborate with all kind of institutions. We aim to provide an interdisciplinary point of view focused on innovation, experimentation, research, training and dissemination of scientific culture. Museum Consulting; Touring Exhibitions; Promoting scientific vocations; Special software tools; Partnership for national and international projects.



45

ABA SCIENCE PLAY LTD. ABA's playground equipment is fit for outdoors as well as indoors. This is an opportunity for any museum to welcome its visitors even before they step foot inside the museum itself. Later on, children who need to let their energy go, can always run outside and jump on a bike or fly a helicopter.

Our playgrounds are fit for all ages. Children from 5 to 65 will definitely find our science playgrounds fun and enlightening.



46

SKYPOINT PLANETARIUMS Skypoint is a specialised company in astronomical instruments and planetariums, leader for supplying professional instruments and planetariums to schools, universities and science centres. We have installed more than 120 planetariums in Europe, including 8K systems. The planetarium division, Skypoint Planetariums, represents the leading company Evans & Sutherland in all of Europe and offers complete solutions for every budget including latest audio and cove light technologies thanks to our products Skylux and Skysonus. Skypoint is also the manufacturer of TecnoDome domes with some exclusive and affordable solutions.

MUSEKO

FOR MUSEUMS & SCIENCE CENTRES

BOOTH 19

The sweet spot of exhibition design!
Come and treat yourself.

INTERACTIVE LEARNING

multimedia tools improve
**BRAIN'S MEMORY
POWER**

SCIENTIFIC INTEREST

hands-on exhibits
**INCREASE SCIENTIFIC
CURIOSITY**



Meet us at **booth 15**

Turbo Tape Games is Norway's premier supplier of interactive science based simulators and exhibits with more than 35 completed projects since 2008

Some clients and partners:

Bergen Science Center ViVite,
KODE Art Museums of Bergen,
Nord University, SINTEF, Statoil,
University of Bergen, TV2 News,
Norwegian Naval Academy

Turbo Tape Games, Bryggen 37- Bergen, Norway
www.turbotapegames.com | post@turbotapegames.com | (+47) 926 30 083

**Turbo
Tape
Games**

BUSINESS BISTRO EXHIBITORS



47

AUREA EXHIBITIONS. Aurea Exhibitions creates and designs touring exhibits, from an original idea, to the production, and installation in venues. Covering every cultural, educational and technical detail, providing marketing support, besides logistics and operation guidelines, we adapt exhibitions according to museum needs, venue size and budgets.

All our exhibitions are created and curated by world recognised scientists from Azara Foundation, providing the support and background needed for these exhibits.



**PUFFER
FISH**

48

PUFFERFISH. At Pufferfish, we challenge flat technology by opening up a world of possibilities for better communication, engagement and interaction with the captivating PufferSphere®. Using our unique technology alongside the knowledge, skill and creative talent of our team, we realise your vision. Tailored to your needs, our displays combine extraordinary form, magnetic appeal and unique interactivity to tell your story in ways never before possible. From concept development, through to realisation, installation and beyond, our approach is designed to ensure your solution always delivers functionality and value.

FLEXHIBIT

49

FLEXHIBIT. FLEXHIBIT designs and manufactures interactive exhibits for science centers and children's museums to teach STEM principles through hands-on manipulations, with multi-outcome and multi-user experiences. These exhibits are modular and can be easily moved to reset a floor and are interchangeable on our wall system. Everything has been designed to keep a center's floor changing so that it stays relevant. FLEXHIBIT also manufactures a line of mobile interactive STEM carts which come with full science curriculum geared to assist educators in teaching STEM principles.



50

MUSEUMSPARTNER Museumspartner is an experienced partner for international fine art transport services and solutions, art handling and installation of museums exhibitions, as well as one of the leading creator and provider of state of the art turn-key traveling exhibitions to museums worldwide.

Our cooperations with international museums and renowned partner companies guarantee for quality, competence and security. Museumspartner Traveling Exhibitions: *ÖTZI – The Iceman, Celtic Homeland, We Call them Vikings, Stonehenge, Pharaoh, Saltwater, Vodou* and others. We are happy to see you!

VIKINGS

Warriors of the North.
Giants of the Sea.

Our new turnkey exhibitions:

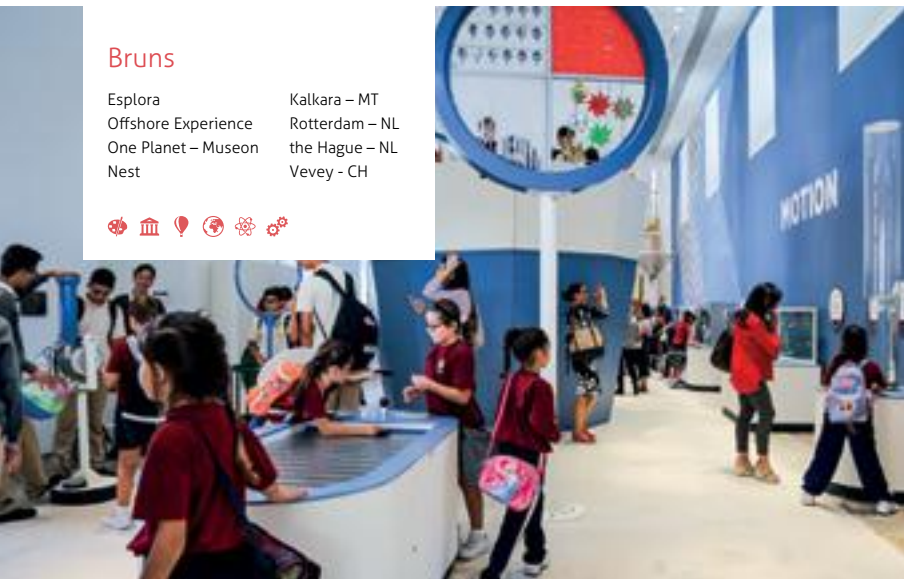


www.museumspartner.com

Bruns

Esplora
Offshore Experience
One Planet – Museum
Nest

Kalkara – MT
Rotterdam – NL
the Hague – NL
Vevey – CH



We are Bruns, specialized in the development, production and installation of interactive exhibits and exhibitions. Our contribution is driven by an ambitious goal: to offer visitors a complete experience and maximum educational value. You will find it in the way we cooperate, in our flexibility and in our dedication.

More about Bruns and other projects on our website www.bruns.nl.

Bruns B.V. • Riethovensedijk 20 • 5571 CR Bergeijk • Nederland • T +31 (0)497 57 70 27 • E info@bruns.nl • I www.bruns.nl

BRUNS

BUSINESS BISTRO EXHIBITORS



51

AGT EUROEVENTS LTD. Our exhibition, *The Hi-Tech inventions of Ancient Greece – The origins of our modern technology*, by Kostas Kotsanas Museum of Ancient Greek Technology, is part of the Kostas Kotsanas Museum of Ancient Greek Technology in Katakolo Greece and the Archimedes Museum in Olympia Greece. After years of study and tests, Mr Kotsanas brought to life more than 300 inventions of the ancient Greeks. Our traveling exhibition consists of more than fifty representative exhibits.



53

INTERSPECTRAL AB. Interspectra 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.

KOSSMANN.DEJONG

54

KOSSMANN.DEJONG. Kossmann.dejong, exhibition architects, specialises in planning and designing multidisciplinary, narrative environments. Our portfolio spans permanent and temporary exhibitions for museums to brand experiences, visitor centres and airport interiors. We aim to create meaningful engaging spaces that inspire visitors, appeal emotionally and provoke thought. A strong basis in storytelling characterises our approach. Headquartered in Amsterdam, we work with diverse clients worldwide across varying sectors. Themes of science feature strongly in our work, for example the acclaimed permanent exhibition *Micropia* at Artis Royal Zoo, Amsterdam.



55

MAPCARDS.NET. We produce postcards and magnets with true 3D effect. We stock over 300 different images from nature, space and science. We supply book shops, souvenir shops and museum shops all over Europe. Excellent quality, reasonable prices, free displays. On demand and customised products available.



56

ELIYA. Industrial design studio. Design, manufacture and produce play structures. Musicals made with mechanical and electronic solutions. Cements, built for climbing and playing are suited for all ages. Water fountains suited for playing and splashing, in parks and city squares. All are made of long lasting, high quality materials. The studio is situated in the heart of Jerusalem's artistic centre, in the historical studio of the founder of the Bezalel school of Art.



57

FRIDA & FRED CHILDREN'S MUSEUM. The Children's Museum Graz offers younger audiences interactive and immersive experiences, often addressing complex topics, with exhibitions, theatre performances and programmes for children aged 3 to 12. Hands-on allowed! In our exhibitions you can give everything a go. FRida & freD loans its interactive exhibitions to other children museums, science centres and museums. The exhibitions are carefully adapted to the needs of our partners. The Graz Children's Museum offers consulting services for regional, national and international institutions and companies.



58

TECHMANIA SCIENCE CENTER. Techmania (TSC) means an infrastructure with more than 30,000 sqm, a science centre and a 3D Planetarium, an exhibition area of nearly 10,000 sqm and 250,000 curious visitors per year. TSC offers: interactive exhibits, science shows, workshops, biological, chemical and physical laboratories, the 2D/3D full dome projections and the Science On a Sphere technology. TSC also offers a wide portfolio of activities on business field such as the development, fabrication and rent of exhibitions and the development and production of 2D / 3D movies for full dome projection. All with respect for the partners.



59

XMS. XMS is a digital platform for development and operation of experiences in physical spaces. XMS saves exhibition design companies time and money as they don't have to develop their own systems. XMS saves time and money in daily operations for the companies running exhibitions. XMS has tools for analysing the use of exhibitions and to optimise continuous development of exhibitions (cost/benefit).

BUSINESS BISTRO EXHIBITORS



60

MUSEALIA. Our vision is to create emotionally interactive exhibitions, with the highest level of scientific and historic rigor. To do so, we rely on the best professionals and institutions in each field. Only by doing so we create exhibitions we feel proud to tour around the world. The two exhibitions we have created in the past, and even more so our latest project, that we seek to open this year, 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.



61

GES EXHIBITIONS. Ges Technology offers to create, produce and trade traveling and permanent exhibitions by combining scientific knowledge and creativity. From design and creation to placement and representation, Ges Technology has the experience and knowledge to bring clients the most ideal solution for their exhibitions.



62

HÜTTINGER INTERACTIVE EXHIBITIONS. Hüttinger is a one-stop shop for exhibition planning, design and fabrication, working for clients throughout Europe and on an international scale. We develop exhibitions 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.



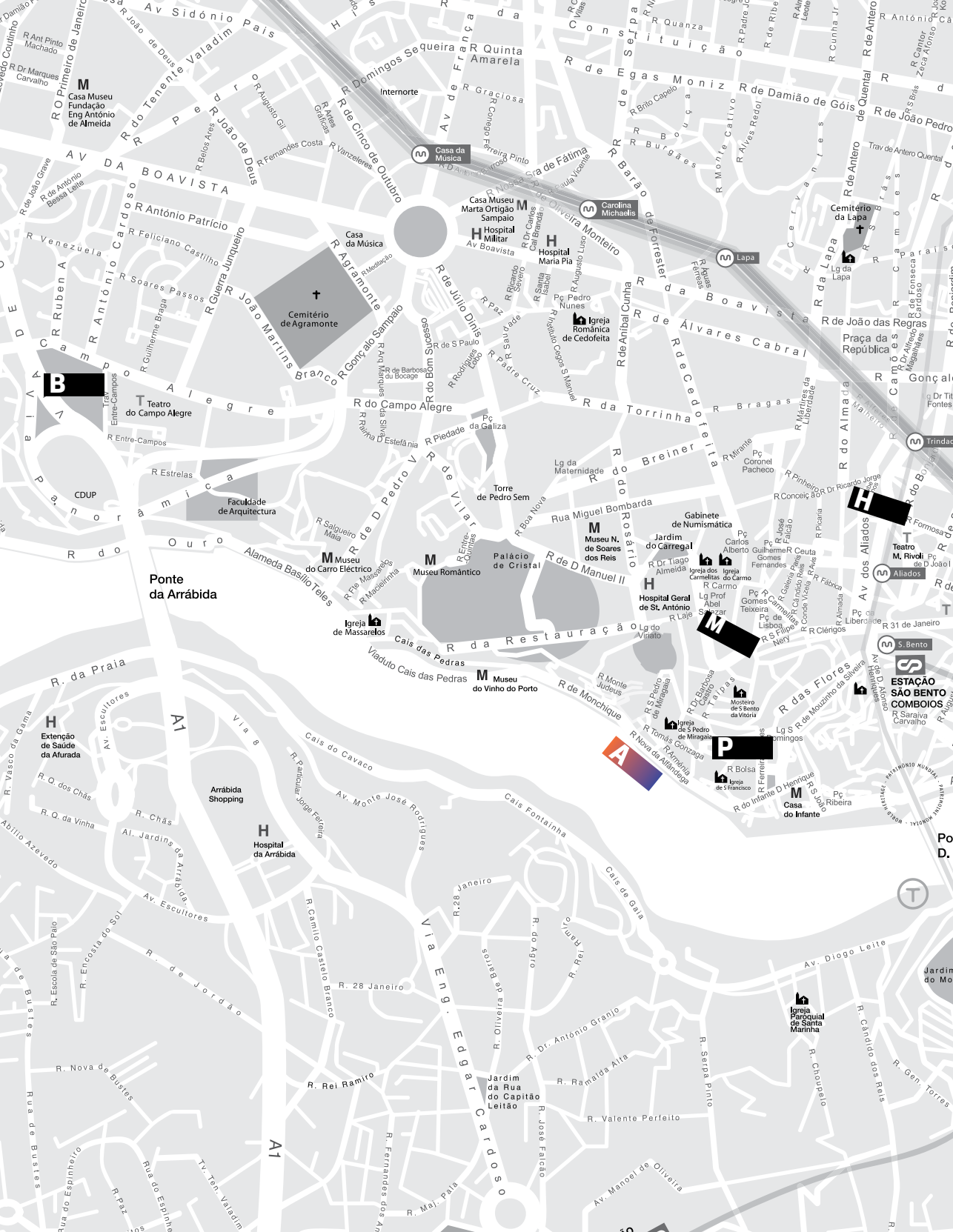
**Museum of Science,
Boston**

63 & 64

MUSEUM OF SCIENCE, BOSTON. The Museum of Science in Boston, Massachusetts, USA is a world leader in STEM Education—Science, Technology, Engineering, and Math. From traveling exhibits (*The Science Behind PIXAR* and *Star Wars®: Where Science Meets Imagination*) to K – 12 engineering curricula and innovative engagement with the public in our Exhibit Halls and programs, we seek to empower the next generation of informed and scientifically literate citizens, decision makers, and STEM professionals.



PRACTICAL INFORMATION



B

H

M

A

P

Casa da Música

Hospital Militar

Hospital Maria Pia

Igreja Românica de Cedofeita

Museu Romântico

Palácio de Cristal

Museu N. de Soares dos Reis

Jardim do Carregal

Hospital Geral de St. António

Museu do Vinho do Porto

Igreja de S. Francisco

Igreja Paroquial de Santa Mariana

Cemitério de Agramonte

Cemitério da Lapa

Faculdade de Arquitectura

Ponte da Arrábida

CDUP

Extensão de Saúde da Afurada

Hospital da Arrábida

Arrábida Shopping

ESTACÃO SÃO BENTO COMBOIOS

S. Bento

Alliados

Trindade

Lapa

Cardina Michaelis

Internorte

Casa da Música

Cardina Michaelis

Lapa

S. Bento

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B

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M

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Casa da Música

Hospital Militar

Hospital Maria Pia

Igreja Românica de Cedofeita

Museu Romântico

Palácio de Cristal

Museu N. de Soares dos Reis

Jardim do Carregal

Hospital Geral de St. António

Museu do Vinho do Porto

Igreja de S. Francisco

Igreja Paroquial de Santa Mariana

Cemitério de Agramonte

Cemitério da Lapa

Faculdade de Arquitectura

Ponte da Arrábida

CDUP

Extensão de Saúde da Afurada

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Arrábida Shopping

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MAP OF PORTO

A

ALFÂNDEGA CONGRESS CENTRE

Pre-conference, Conference,
Newcomers' Breakfast

Address

Edifício da Alfândega,
Rua Nova da Alfândega,
4050–430 Porto

GPS coordinates

41°08'35.9"N

8°37'17.0"W

How to get there

Metro São Bento

(20 min walking);

Bus Stop Alfândega: 500

(connection to Metro
São Bento), 1, 1M, ZM.

B

THE HALL OF BIODIVERSITY AND PORTO'S BOTANICAL GARDEN

Pre-conference, Nocturne

Address

Rua do Campo Alegre, 1191,

4150–181, Porto

GPS coordinates

41°09'14.7"N

8°38'32.7"W

How to get there

Metro Casa da Música

(25 min walking);

Bus stop Jardim Botânico:

204 and 504

(connection to Metro

Casa da Música), 200, 207,

1M (to downtown)

H

CITY HALL

Speakers' Reception

Address

Praça General Humberto Delgado,

4049–001 Porto

GPS coordinates

41°08'59.4"N

8°36'38.5"W

How to get there

Metro Aliados;

Bus stop Av. Aliados:

200, 201, 202, 208,

304, 400, 501, 600,

703, 900, 901, 904,

905, 906; Tram 22

P

PALÁCIO DA BOLSA

Gala Dinner

Address

Rua Ferreira Borges,

4050–253 Porto

GPS coordinates:

41°08'28.8"N

8°36'55.4"W

How to get there

Metro São Bento (8 min),

Bus stop Palácio da Bolsa: ZM;

stop Ribeira: 900 (connection

to Metro São Bento, Aliados

e Trindade), 901, 906, ZR, 10M;

stop Infante: 500, ZR, ZM, 1M

M

NATURAL HISTORY AND SCIENCE MUSEUM OF THE UNIVERSITY OF PORTO

Farewell Party

Address

Reitoria da Universidade do Porto,

Praça de Gomes Teixeira,

4050–159, Porto

GPS coordinates

41°08'41.5"N

8°36'57.9"W

(Saint John's mini carnival);

41°08'45.9"N

8°36'57.0"W

(late night in the museum)

How to get there

Metro Aliados (9 min),

Bus stop Cordoaria/ Carmo:

200, 201, 207, 208, 301, 303,

305, 501, 507, 601, 602,

703, 801, ZM



ALFÂNDEGA CONGRESS CENTRE

PRE-CONFERENCE, CONFERENCE
BUSINESS BISTRO, NEWCOMERS' BREAKFAST

VENUES SOCIAL EVENTS

THE VENUE

Main conference sessions (15 – 17 June) and most pre-conference workshops (13 – 14 June) take place at Alfândega, the former Customs House of Porto. The neoclassic building facing the Douro river was raised in 1869 to control the movements of vessels and goods. This infrastructure included a series of innovative additions at the time, like warehouses, rotating platforms, cranes and railroads. Today, the renewed repurposed building, whose requalification conversion was coordinated by the Portuguese architect Eduardo Souto de Moura, hosts an award-winning Congress Centre and the Museum of Communications and Transports.

Address

Edifício da Alfândega,
Rua Nova da Alfândega,
4050–430 Porto
GPS coordinates
41°08'35.9"N
8°37'17.0"W

How to get there

Metro São Bento (20 min walking);
Bus Stop Alfândega: 500
(connection to Metro São Bento), 1, 1M, ZM.

Floor plan

see cover flap

Wifi

network: ecsite
password: porto2017

WILL BE TAKING PLACE HERE

- Most pre-conference workshops (13 – 14 June) (see exceptions at the Hall of Biodiversity)
- All sessions of the main conference (15 – 17 June)
- The Business Bistro (15 – 17 June)
- Newcomers' Breakfast (15 June, 08:00 – 09:45)



THE HALL OF BIODIVERSITY AND PORTO'S BOTANICAL GARDEN

PRE-CONFERENCE, NOCTURNE

VENUES SOCIAL EVENTS

THE VENUE

Casa Andresen, the so-called mesmerizing Dark Red House, and its surrounding gardens are one of the most beautiful examples of the recreational farm houses built in the Porto area in the 1800s. The place has an intimate connection with two renowned Portuguese writers, Ruben A. and Sophia de Mello Breyner Andresen, whose family owned the house. Today, revisited and transformed into the Hall of Biodiversity, Casa Andresen stands out as a cultural platform comprised within the Natural History and Science Museum of the University of Porto, integrated in the Ciência Viva network. Here the arts connect with biology and natural history, fostering a wide range of sensorial experiences, carefully and intentionally crafted to celebrate the diversity of life.

Address

Rua do Campo Alegre, 1191,
4150-181, Porto
GPS coordinates
41°09'14.7"N
8°38'32.7"W

How to get there

Metro Casa da Música (25 min walking);
Bus stop Jardim Botânico: 204 and 504
(connection to Metro Casa da Música), 200, 207, 1M
(to downtown)

Floor plan

see cover flap

Wifi

network: ecsite
password: porto2017

WILL BE TAKING PLACE HERE

- The following pre-conference workshops:
 - “The research-informed facilitator – Day 1”
(Tuesday 13 June, 09:00 – 17:45)
 - “Making good museum games”
(Tuesday 13 June, Wednesday 14 June, 09:00 – 17:45)
 - “Nature is back in town!”
(Wednesday 14 June, 09:00 – 17:45)
- Nocturne (Friday 16 June, 20:00 – 00:00)



PORTO CITY HALL

SPEAKERS' RECEPTION

VENUES SOCIAL EVENTS

THE VENUE

Porto's City Hall stands at the top-end of the city centre's main avenue in Porto's downtown, "Avenida dos Aliados". Built in the 1920's, it was designed by the architect Correia da Silva and is considered a masterpiece of neoclassic architecture and one of the most majestic town halls in the country. Its façade depicts activities traditionally associated to the city of Porto and a visit to its interior provides a pleasant journey through the arts and the tradition of "Portuense" culture.

Address

Praça General Humberto Delgado,
4049 – 001 Porto
GPS coordinates
41°08'59.4"N
8°36'38.5"W

How to get there

Metro Aliados;
Bus stop Av. Aliados 200, 201,
202, 208, 304, 400, 501, 600,
703, 900, 901, 904, 905, 906;
Tram 22

WILL BE TAKING PLACE HERE

· Speakers' Reception
(Wednesday 14 June, 18:30 – 19:30)



PALÁCIO D'ÁVILA - SA

PALÁCIO DA BOLSA

GALA DINNER

VENUES SOCIAL EVENTS

THE VENUE

Built in the 19th century by the City's Commercial Association, the neoclassical Palácio da Bolsa (Stock Exchange Palace) is located at the heart of Porto's historical centre. The Palace remains the headquarters of the Association, even though it has lost its stock exchange functions and is nowadays mainly used for high-profile events such as official head of states receptions. One of its most famous highlights is the splendid Salão Árabe ballroom (Arabian Hall), and its elegant gold-plated Moorish wall ornaments.

Address

Rua Ferreira Borges,
4050-253 Porto
GPS coordinates
41°08'28.8"N
8°36'55.4"W

How to get there

Metro São Bento (8 min),
Bus stop Palácio da Bolsa: ZM;
Stop Ribeira: 900
(connection to Metro
São Bento, Aliados e Trindade),
901, 906, ZR, 10M;
Stop Infante: 500, ZR, ZM, 1M

WILL BE TAKING PLACE HERE

Gala Dinner
(Thursday 15 June, 19:30 – 00:00)

SAINT JOHN'S FESTIVAL AT RIBEIRA SQUARE



NATURAL HISTORY AND SCIENCE MUSEUM OF THE UNIVERSITY OF PORTO

FAREWELL PARTY

THE VENUE

Located in Porto's historical centre, this notorious monument from the beginning of the 19th century once housed the Royal Navy and Trade Academy, the Polytechnic Academy of Porto and the Faculty of Sciences of the University of Porto. Over more than 200 years it played an important role in Porto's historical events. This magnificent neoclassic building, which nowadays houses the headquarters of the University of Porto – its Rectorate, will also accommodate its Natural History and Science Museum, currently under redevelopment. The inner courtyard, transformed into a dance floor Saturday night, will soon host a dinosaurs exhibition.

Address of mini-carnival

Largo Amor de Perdição,
4050-008 Porto
(in front of Centro Português de Fotografia)
GPS coordinates
41°08'41.5"N
8°36'57.9"W

Address of the MHNC-UP

Reitoria da Universidade do Porto,
Praça de Gomes Teixeira,
4050-159, Porto
GPS coordinates
41°08'45.9"N
8°36'57.0"W

How to get there

Metro Aliados (9 min),
Bus stop: Cordoaria/ Carmo: 200,
201, 207, 208, 301, 303, 305, 501,
507, 601, 602, 703, 801, ZM

VENUES SOCIAL EVENTS

WILL BE TAKING PLACE HERE

· Farewell Party
(Saturday 17 June, 21:00 – 02:00)

FAREWELL PARTY PROGRAMME

21:00 – 00:00

Outdoors Saint John's mini-carnival
Get your free food & beverage ticket at the MHNC-UP

00:00 – 00:45

Open bar at the Museum
MHNC-UP

00:00 – 02:00

Late night at the Museum
MHNC-UP



THE KAVLI FOUNDATION

“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

Proud sponsor of the
2017 Ecsite Annual Conference Keynote Speech

Dr. Alice Roberts

Friday 16 June 2017, 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

USEFUL INFORMATION

WELCOME AT THE AIRPORT

If you are traveling by plane, know that the host team will have a booth at Porto's Airport. We will be glad to help you finding the way to the hotel and give all the information you need to have a good start in Porto.

LUGGAGE STORAGE

If you want to go straight to the Alfândega Congress Centre or go directly to the airport on the final day, don't hesitate to safely store your luggage in the cloakroom at the Congress Centre Welcome Room.

REGISTRATION DESK

There is a registration desk at the Alfândega Congress Centre Welcome Room open daily. Registered pre-conference participants with workshops at The Hall of Biodiversity: your badges will be waiting for you at the start of your workshop.

REGISTRATION DESK OPENING HOURS:

Tuesday 13 June	08:00 – 17:30
Wednesday 14 June	08:30 – 17:30
Thursday 15 June	08:00 – 18:00
Friday 16 June	08:30 – 17:30
Saturday 17 June	08:30 – 17:00

UPLOAD ROOM

The Upload Room is located on the parallel sessions' area, between Room 2 and 3. All main conference session speakers (13–15 June) are requested to upload their presentations via the upload room, at least three hours prior to their session.

IT EQUIPMENT

You can find a printer and general adapters for IT equipment at the upload room. Charging stations for mobile phones are provided in the Upload Room and in the lounge areas and Pop Up Office at the Business Bistro.

HOTLINE

For urgent questions and emergencies during the conference, call the hotline: +351 218 917 155.

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. If you need a more reserved atmosphere to have a meeting with a larger group, please contact the organisation at the information desk.

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). In the buffet meals, please pay attention to allergen and intolerance tags and don't hesitate to ask the staff for more information. At the Gala Dinner, pick up a sticker corresponding to your dietary requirements at the entrance. During dinner, place it near you and wait to be served. Bon appétit!

ACCESSIBILITIES

The Congress Centre is accessible to people with mobility impairment. Parking lots close to main entrance are available to mobility disabled persons under anticipated request.

If you have visual impairment and need help recognising the space, please contact the organisation.



SUSTAINABILITY



SUSTAINABILITY

Here is a glimpse of how we are striving to reduce the ecological footprint of the conference.

DRINKING WATER

Have you noticed the water bottle in your conference bag? We encourage you to use it and refill it at any time in the Business Bistro. Portugal has a solid water quality control system in place and Porto's tap water is perfectly safe to drink. At social events we'll be serving bottled water out of 100% recyclable glass bottles.

FOOD

All meals will include a large proportion of local seasonal products. At lunch time you will find "zero kilometre" options whose main ingredients come from local producers from a maximum distance of 300 km. We will keep our animal product consumption low at lunch time in order to reduce our carbon footprint. Leftover food will be delivered to local charities.

WASTE

To avoid excess use of paper we let you decide whether you want a printed programme or not. A digital version is also available at www.ecsite.eu/annual-conference/programme and is more environmentally friendly. In this conference we will not use disposable cups or packages. Please, avoid unnecessary waste and sort your disposals in the proper receptacles.

TRANSPORTATION

Porto is a fairly small city with comfortable weather during the summer. Most of the Conference will take place in its historical centre, classified as a World Cultural Heritage site by UNESCO. So, we advise you to walk around as much as possible. You can also rent bikes and e-bikes at the Congress Centre. Public transportation (metro and bus) is also a convenient way to get around. Shuttles for the social events will not be provided.

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LIFE EVERYWHERE

DESIGN

A meeting brings together hundreds of people from various countries, with different sensitivities, and with a wide array of perspectives. In a short and intense period of time, a meeting requires resources that ensure its proper functioning. Resources, which, at the same time, are drained within the event itself, in a few days of interaction and sharing of work. It was based on the reflection upon this reality and the motto for this conference, Life Everywhere, that the design strategy took on a quite particular approach.

We are aware that materials do not die. We are aware that they can outlive the time and function for which they were first intended. In this state of consciousness, we have subjected the exercise of design to the principles that justify and enliven this event, committing to recycling, avoiding waste, leaving a small as possible footprint. The solutions put forth were envisioned and developed in order to optimize and make the most of materials and means. The wayfinding was solved by printing on recycled supports, micro-pierced canvases that had fulfilled their function in past events promoted by the University of Porto itself, and that were now merely taking up storage space, together with other waste.

The participants used artifacts crafted through the transformation of other objects. Adding to this condition, we thought that these objects, unlike what usually happens, should become useful and enticing for a daily use, besides being a souvenir of a journey or the participation in a given event. Both the source of the raw material and the process were carefully considered to meet this purpose: the bags and pencils were made out of production leftovers from Cristêxtil (Guimarães) and Viarco (S. João da Madeira). This way, all artifacts gained new life, each one of them conquering a spe-

cific identity, now becoming a unique object and not a mere specimen out of a series. Going back to the conference's motto, Life Everywhere, all actions required to obtain each of these items were also an opportunity to engage people who are usually forgotten: for instance, the bags were hand sewn by a seamstress who lives near our studio and who survives by making small sewing adjustments, hemming trousers, or repairing used outfits; the knots in the lanyards holding the ID badges were sorted by motor impaired people, retired elders, school students of different age levels. By doing so, we sought to optimize means, enrich materials, enhance the meaningfulness of the objects, actions and persons involved, look for the significance of a strategy well-adjusted to this event.

More than rationalizing materials, we strived to enhance the symbolic worth of the artefacts. We acknowledge this opportunity to project, celebrating life beyond the mere efficiency of the solutions. We rejoice with your openness towards our proposals and with the alignment of the participants, with their availability to get along with a noise, which is, after all, the life echo that has brought us all together.

Luís Mendonça and Rui Mendonça
Life Everywhere Design Concept



PORTO MICRO GUIDE



PORTO

MICRO GUIDE

THE CITY OF PORTO

A Unesco World Heritage awarded as best European destination, Porto is one of the most unique and vibrant historical towns in Europe. Located along the estuary of the Douro river, Porto has been a cosmopolitan city and a gateway for new ideas and cultures since Roman times. Porto is the second largest city in Portugal and the breeding ground for many of Portugal's cultural and scientific innovations and initiatives. The city is very well known for its scenic architecture, of which the magnificent baroque stands out, its romantic atmosphere, artistic vibe and, of course, the internationally appreciated port wine.





WHAT TO VISIT IN PORTO?

WHEN YOU'RE NOT CONFERENCING...

SERRALVES FOUNDATION MUSEUM OF CONTEMPORARY ART AND SERRALVES PARK 1

Rua D. João de Castro, 210

The Serralves Museum, designed by world class architect Álvaro Siza, is located in a green area that extends over 18 hectares, where works of contemporary art are exhibited alongside the typical flora of Portugal's Northern Region. Through its exhibitions, educational programmes, concerts, dance shows and performances, the Museum fosters the enjoyment and understanding of contemporary art and culture.

PORTO WINE MUSEUM 2

Rua de Monchique, 45-52

Those interested in the history of port wine, as well as in the history of its commercialisation and the impact it had on the economic development of the city should visit the Port Wine Museum. The museum is located in a warehouse which dates back to the 18th century and was built to serve as a wine store for the General Company of Agriculture of the Upper Douro Vineyards.

SOARES DOS REIS NATIONAL MUSEUM 3

Rua D. Manuel II, 44

One of the oldest museums in Portugal and the first museum to be designated "national museum". Most of the collections were brought together in the 19th century and comprise paintings, ceramics, glassware, furniture, metalwork, and jewels. The collections provide an overall picture of the evolution of the Portuguese art from the 18th to the 20th century.

PORTO PUPPETS MUSEUM 4

Rua de Belomonte, 57

Embark on a one-hour journey narrated through the voice of an actor from the Porto Puppet Theatre company.

WORLD OF DISCOVERIES 5

Rua de Miragaia, 106

This interactive museum and theme park reconstructs the fantastic odyssey of Portuguese navigators, who crossed oceans to discover an unknown world. Witness the birth of globalisation. 40% discount for Ecsite delegates.

TRAM MUSEUM 6

Alameda de Basílio Teles, 51

This museum, housed in an old power station, contains a collection of trams and other auxiliary vehicles which used to run along the streets of Porto and left a mark on the history of light urban rail transport in the city. Its holdings also include an example of the horse-pulled American trolley buses which were first introduced into Porto in 1872.

TRANSPORT AND COMMUNICATIONS MUSEUM ALFÂNDEGA CONGRESS CENTRE 7

Rua Nova da Alfândega

This museum provides an insight into the history and development of the means of transport and communications in the world. Visitors can appreciate an important collection of cars used by the different Presidents of the Portuguese Republic, as well as a wealth of cars going from the first model to circulate in Portugal to present days.

MUSIC HOUSE 8

Avenida da Boavista, 604-610

This twelve-storey, irregular-shaped building was designed by world-renowned architect Rem Koolhaas exclusively for musical performances. It opened in 2005 and since then has become an icon of contemporary architecture. The dynamic and innovative programmes range from classical music to the forefront of urban trends, benefiting greatly from their four resident groups: Symphony Orchestra, Remix Ensemble, Baroque Orchestra and Choir.

CLÉRIGOS CHURCH AND TOWER 9

Rua de São Filipe de Nery

The baroque Clérigos Tower is one of the paradigmatic architectural landmarks of Porto. It was designed by Nicolau Nasoni, the Italian architect who left a strong artistic mark on Porto. When it was erected the Clérigos Tower was the tallest building in Portugal. It amounts to approximately 76 meters, counting about 230 steps that visitors can climb to reach a panoramic view over the city.



LELLO & IRMÃO BOOKSTORE 10

Rua das Carmelitas, 144

This emblematic bookstore inaugurated in 1906 is considered one of the most beautiful in the world. Its striking neo-gothic facade features two figures painted by José Bielman, representing the Science and the Art. Its stunning interior, designed by Xavier Esteves, with an iconic red staircase, carved wood ceilings, a stained-glassed roof and intricate decoration, inspired Harry Potter's author J. K. Rowling who lived in Porto.

GRAHAM'S PORT LODGE 11

Rua do Agro, 141, Vila Nova de Gaia

W & J Graham's magnificent 1890 Port Lodge is situated in Vila Nova de Gaia across the Douro River from Porto. Visitors to the Graham's lodge can experience the best of three centuries of craftsmanship and heritage while enjoying spectacular views of Porto's historic city centre. Please book your visit in advance: (+351) 22 377 6484

BOLHÃO MARKET 12

Rua Formosa, 214

Located in the heart of the city, this noisy, colourful and exuberant market is a sight not to be missed. It's found in a two-tier covered building and sells everything from fresh fruit to household goods. Listen to the flamboyant fishwives hawking the latest catch in true Porto spirit, a sight that has made this market famous all over Portugal.

PORTO CATHEDRAL 13

Terreiro da Sé

Porto Cathedral is one of the city's oldest monuments, built between the 12th and the 13th century. It is generally classified as a Romanesque style monument but is rather a fortunate alliance between three major historical styles: Romanesque, Gothic, and Baroque. The Morro da Sé, the neighbourhood surrounding the cathedral, is the oldest and most genuine in Porto.

RIBEIRA QUAY AND SQUARE 14

The Ribeira neighbourhood is a labyrinth of medieval streets and a riverfront square, "Praça da Ribeira". From this area you can admire the various Porto wine houses across the river, as well the "Cais de Gaia" riverfront. With photogenic traditional boats floating on the river overlooked by colourful ancient houses, this is the most picturesque spot in the city.

DONA MARIA PIA BRIDGE 15

Dona Maria Pia Bridge is the oldest bridge in Porto, an iron railway bridge that was completed in 1876. It was designed by Gustave Eiffel before he built the famous Eiffel Tower in Paris, and named after the queen of Portugal at that time. It held the world record for the largest span for seven years and remained in service until 1991.

D. LUÍS BRIDGE 16

This iconic Porto bridge opened in 1886, then holding the record for the longest iron arch in the world. It was designed by a disciple of the famous Gustave Eiffel. It has two levels, which were originally destined for road traffic. Pedestrians can use the lower level to cross the river between the centre of Porto and the spectacular city views and port wine warehouses of the municipality of Vila Nova de Gaia.

AVENIDA DOS ALIADOS 17

The main avenue of the city is made up of two squares, "Liberdade" and "General Humberto Delgado" surrounded by hotels, bank, cafes and offices. This is the backbone of Porto, where all the city celebrations take place, from the anniversary of the Carnations Revolution to the triumphs of its football team.

RUA DAS FLORES 18

This is one of city's most typical streets. In the past, there were so many goldsmith workshops here that it was also known as Porto's Golden Street. Nowadays, the street has been renovated and is bursting with street cafés, snack-bars, restaurants and chocolate shops.

RUA DE CEDOFEITA 19

One of Porto's most characteristics streets. It has been pedestrianised, and is covered with the traditional Portuguese cobblestone pavement. It is lined with trendy shops but retains a residential atmosphere.

RUA DE SANTA CATARINA 20

One of the main commercial arteries of downtown Porto where tourists and locals alike enjoy the city's beat without being bothered by cars. Here you can still find "jewels" from bygone times, such as the nearly centenary "Majestic Café".

MEET THE FRANCESINHA - TASTE THE BEST OF PORTO WITH THE MOST TYPICAL YUMMY SPICY SNACK



WHERE TO EAT?

TOUGH (BUT DELICIOUS) CHOICES...

Porto offers its visitors a wide variety of restaurants for all tastes, from traditional to refined contemporary cuisine, with a clear emphasis on seafood, fish specialties, and succulent local meats.

CANTINHO DO AVILLEZ 1

Rua Mouzinho da Silveira, 166

José Avillez is one of the most famous Portuguese chefs, owning several restaurants in our country. In terms of atmosphere, this restaurant is a super friendly, cosy, and relaxed place. The cuisine is Portuguese-inspired but also influenced by Avillez's travels. On the menu there are seasonal Portuguese dishes with a dash of imagination: from flaked codfish with melt-in-your-mouth olives to giant shrimps with spices.

DOP RESTAURANT 2

Palácio das Artes – Largo de São Domingos, 18

Located in a building from the 14th century, this restaurant has a signature cuisine based on traditional Portuguese flavours that chef Rui Paula recreates with some international influences. The interior décor of the restaurant also combines modernity with tradition, respecting the imposing building in which it is set, making the costumers feel good in an urban casual and cosmopolitan sophisticated atmosphere.

PEDRO LEMOS RESTAURANT 3

Rua do Padre Luís Cabral, 974

This is one of the city's finest restaurants. It presents Portuguese cuisine reinterpreted by the chef after whom the place is named. It only uses fresh seasonal ingredients, so the menu changes frequently, but there are always unusual and creative dishes. The wine list is excellent, offering almost 200 options to selected from. It also displays and sells gourmet products.

S.O.S. 4

Largo de S. Domingos, 33

Salmon, Oysters, and Seafood give the name to this restaurant that only serves fish and seafood. It is known for the quality of the fish and seafood dishes, raw and smoked, tartar and ceviches. This restaurant is also characterised by a good selection of white, rosés, and fresh sparkling wines.

DA TERRA RESTAURANT 5

Rua Mouzinho da Silveira, 249

When you step into this restaurant you will immediately feel the connection to nature. The inside is characterised by a minimalist decor with wood and neutral colours as protagonists, which contributes to a very serene and relaxing environment. This is a vegetarian restaurant that serves healthy meals containing biological, fresh, and high quality products, ideal for those who are concerned about what to eat.

CAFÉ SANTIAGO 6

Rua Passos Manuel, 226

One of Porto's specialties is "francesinha". This typical dish is made of steak, ham, and sausage placed in the middle of two toasted bread slices – all covered with cheese and a special spicy and beer-flavoured sauce. Sometimes one can ask for an egg on top and the dish is usually served with French fries. This place is probably the most popular spot to taste this dish, so it can get crowded quite quickly. The service is fast and the location is superb, right in the city centre.

CASA ALEIXO 7

Rua da Estação 216

Located near the "Campanhã" train station, this is a place that should not be missed. It is known for its fried octopus fillets, considered by many the best in town. The owner drives 35 km daily to purchase the freshest octopus. By the end of the meal, customers may be asked to move to the "torture chamber" to drink coffee and pay the check.

CASA GUEDES 8

Praça dos Poveiros, 130

Some people consider this place to be the one that serves the best pork sandwich in the world. There are simple pork sandwiches, and some more elaborated with typical Portuguese cheese from "Serra da Estrela". The bread is slightly warm and that makes the whole difference. The recipes have Brazilian influences. Everybody in Porto knows about this place, so part of the experience of going there is exactly that: mingling while eating extremely well in a crowded room!

TASCA DA BADALHOCA

9

Rua Dr. Alberto Macedo, 437

This familiar business is one of the oldest taverns in Porto that has been open for 120 years. This small and cosy place is famous for its dry smoked ham sandwiches ("presunto" sandwich). There are other delicacies, such as the egg sandwich – a roasted pork meat sandwich with traditional ham and cheese.

CONGA

10

Rua do Bonjardim, 314–318

The owners of Conga returned from Angola in 1976 when they decided to open this place. Located right in the heart of the city, near the City Hall, this snack-bar made its name with a simple recipe known as "bifana": bread, pork meat (very thinly sliced) and spicy sauce. The secret is in the sauce! And the recipe is, of course, well kept within the family. There are some gourmet options to try, all of them inspired by traditional Portuguese cuisine.

SOLAR DO MOINHO DE VENTO

11

Rua Sá de Noronha, 81

Located in a 16th century building, the origins of this restaurant date back to 1905. It serves traditional Portuguese dishes, such as rabbit stew, "Fava" beans stew, or rice with ribs, turnips and chorizo. All dishes are created by Lucília Moreira, a very nice and talented lady, who is in charge of the cuisine.

REI DOS GALOS DE AMARANTE

12

Rua das Taipas, 121

This is a small family business where visitors will be able to sample unique items from Portuguese gastronomy. From roasted lamb, tripe stew, roasted duck and the crown jewel "arroz de cabidela" – homebred stewed chicken with rice, seasoned with blood (from the chicken), and vinegar. It may not sound as good as it tastes, but trust us (Portuguese fellows): this is a true delight! In order to taste such delicacy, one needs to order it two days in advance.

CERVEJARIA GALIZA

13

Rua do Campo Alegre 55

Established in 1972, Cervejaria Galiza has been for many years a landmark in the city of Porto. Famous for its "francesinhas" and the freshest seafood, and open everyday until 2 am, Cervejaria Galiza is the perfect place for you to indulge in after-hours.

CAFÉ AVIZ

14

Rua do Aviz, 27

Café Aviz was inaugurated in 1947 and its genuine atmosphere resisted stoically over the decades. It is famous for its tearoom, café and billiards. You must try the "francesinha", probably Porto's most famous dish. It is made with sausage, ham, cold meats and beef steak, covered with melted cheese and spicy sauce.

GALERIA DE PARIS RESTAURANT

15

Rua Galeria de Paris, 56

This former textiles warehouse is now one of the trendiest spots in town, open throughout the day as a café-restaurant, and later on as a bar. The décor features the original cabinets, now holding vintage pieces. The menu varies every day and includes typical Portuguese "petiscos" (tapas), always with a vegetarian option

CAFÉINA RESTAURANT

16

Rua do Padrão, 100

With a cosmopolitan ambience this restaurant is located by the sea in the "Foz" district in a 19th century manor house covered in yellow and black tiles. The Portuguese food here is influenced by Italian and French cuisines. The menu changes on a regular basis, but usually revolves around luscious cuts of meat and fresh fish.

ABADIA

17

Rua Ateneu Comercial do Porto, 22–24

Located in the historic centre of Porto, the restaurant Abadia was founded in 1939. It is said that the name of the place – abbey in English – comes from the fact that pilgrims used to rest and eat here before going on pilgrimage to Santiago de Compostela. Abadia is well known for its traditional Portuguese dishes like roasted lamb, Gomes de Sá codfish and "Tripas à moda do Porto", a typical dish from Porto made with beef tripe.

REITORIA

18

Rua Sá de Noronha, 33

Near the Natural History and Science Museum, Reitoria (The Rectory) combines in the same space a wine bar, a focaccia house and a steak house. Housed in a beautiful 19th century building with two floors, carefully restored in order to maintain the original structure and façade, here you can enjoy a glass of wine with some delicious tapas in the late afternoon, or a more exquisite dinner prepared with the best national and international meat.

WHERE TO GO OUT AT NIGHT?

AS LONG AS YOU DON'T MISS THE EARLY MORNING SESSIONS...

A recent effervescent movement has turned downtown Porto into a nightlife hub. On every corner, in every street, and in every square, there are restaurants, bars and clubs for every taste. Regardless of where you are, you are sure to have a great time and enjoy yourself.

ESPLANADES OVERLOOKING THE OCEAN IN FOZ 1

There are several beaches with esplanades in the "Foz" district area. Take a stroll along the seaside and pick a relaxing esplanade to have a coffee or beer, grab a bite while facing the Atlantic Ocean and enjoy the invigorating atmosphere. This is a perfect place to enjoy the sunset and start out your evening.

PIOLHO CAFÉ AT PRAÇA PARADA LEITÃO 2

"Piolho", which means "louse" in Portuguese, is the name given by the locals to Âncora D'Ouro Café, a place founded in 1909 that has been the meeting point of University students since. The walls are covered with messages from former students. This is a good place to begin your evening.

LARGO DE MOMPILHER; RUA DA PICARIA 3

At Largo de Mompilher and Picaria, a very short walk from Piolho Café, there are some cool bars. At the weekend, dozens of locals and tourists come here to drink sparkling wine, regular wine or fino – the name used in Porto for draft beer. This area is also the place of choice for gin enthusiasts, a drink that has in recent times become quite popular among Porto's night owls.

RUA GALERIA DE PARIS; RUA CÂNDIDO REIS 4

Nightlife in downtown Porto, enjoyed out in the streets (chatting and drinking) or in one of the many bars. There is a surprising variety of places. You can find a mix between a bar, an art gallery and a concert hall, or a bar where you can have a drink together with the right cracker. Most of these new leisure places are now housed in buildings that once served other purposes: textile, tea or coffee warehouses, bookshops, sweets factories, and most of them have preserved the original architecture. These two parallel streets are known by the locals as the "Galerias".

RIBEIRA (RIVERSIDE) 5

This place by the Douro river has a unique atmosphere and it is especially lively. There are dozens of cafés, bars, and restaurants sheltered under medieval arches, making it the most popular district in the city for eating and drinking. There are many outdoor seating places with the added bonus of floodlit city views and of the river bathed in the moonlight.



HOW TO GET AROUND?

METRO

Porto has a metro network that covers most of the city metropolitan area. However, some of the conference venues may be more than 15 minutes walking distance from the closest station. Walking is a good option but if you prefer not to, choose other alternatives, like the bus. More info in www.metroporto.pt.

BUS AND TRAM

The bus and tram network in Porto covers the entire city and is one of the most convenient ways to travel around. Check the most suitable routes at www.stcp.pt.

ANDANTE CARD

Andante is the combined ticket for metro and bus. Depending on your needs, you have different options:

REGULAR TICKETS

All the venues of the conference are within the Z2 area.

In this area, you can commute between metro and bus for a trip with a maximum duration of 1 hour. You can recharge the card at any metro station. Price per journey title (Z2 area): €1.20

ANDANTE 24

This is a rechargeable ticket valid for one day.

Price per daily title (Z2 area): 4,15 Eur.

ANDANTE TOUR 3 DAYS

This is a non-rechargeable ticket valid for three days.

Price of the ticket: 15 Eur.

TAXI

Call a taxi or check the cost of your trip using the app Taxi-link (available for iOS and Android).

Táxis Invicta

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(+351) 912 301 252

(+351) 934 772 174

(+351) 968 520 064

BIKES, E-BIKES AND SCOOTERS

In the Alfândega Congress Centre you can rent bikes, electric bikes and scooters. Check the booth at the Welcome Room.



AROUND PORTO

Why not stay a bit longer after the conference and enjoy what the region has to offer? To make your decision easier, we arranged two Ciência Viva Journeys in the charming cities of Gaia and Guimarães on 18 June (Sunday). You will visit Ciência Viva Science Centres, museums, monuments and historical places, guided by their directors and staff. This will be an unique opportunity to enjoy a pleasant tour with added value to your work as museum professional and science communicator.

Book your trip at

ecsiteaccommodation.admeus.net or in the Information Desk at the Alfândega Congress Centre. Pre and post conference tours may be organised, on request. Please, contact The House of Events (info@the.pt) for enquiries and assistance or visit the website **www.visitporto.travel**.

A card, a guidebook and an app

Discover Portugal with the Ciência Viva Journeys



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**More than
200 steps to explore
with science and culture.**

Explore, ask, learn more.

This is the spirit of Ciência Viva Journeys and Ciência Viva Science Centres are the starting point to discover 18 destinations in Portugal.

If you are curious enough, a beach can reveal the footsteps of dinosaurs, a hike in Alentejo can turn into a journey through the Solar System, a stroll around town can surprise you with an old handcraft tradition.

What will be your first destination?

Ciência Viva Journeys, let curiosity lead you.

Available in every Ciência Viva Science Centre and at
www.circuitoscienciaviva.pt

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CIÊNCIA VIVA JOURNEYS

Ciência Viva Journeys is a one-year pass that offers an exploration of Portugal taking science centre as a starting point in each locality. Exclusively for 2017 Ecsite Annual Conference delegates, Ciência Viva provides full access to all contents of the Ciência Viva Journeys pass during one week*, granting you free entrance to all Ciência Viva Science Centres.

*open access from 7 to 21 June 2017.

DOWNLOAD THE APP

Circuitos Ciência Viva (available for Android and iOS) or check the website www.circuitoscienciaviva.pt. For full access to the contents use the credentials found in your conference bag.

We prepared two Ciência Viva Journeys for you in the 18th of June (Sunday). Book your trip at ecsiteaccommodation.admeus.net or in the Information Desk at the Alfândega Congress Centre.

PORTO WINE TASTINGS

Sunday 18 June (from 17:30 – 21:30)

Price: 50 Eur (meal and tasting included)

Language: English

Minimum number participants: 6

Maximum number of participants: 12

Booking until 16 June.

Payments at Information Desk (Alfândega Congress Centre) during the Conference.

The river Douro must be crossed to unveil the mysteries of one of Porto's best secrets – Port wine. In Gaia we will visit the wine cellars to raise our glasses at sunset while enjoying one of the best views over Porto.

PROGRAMME

17:30 Commented visit to the Graham's Port Lodge Cellars and Museum in Gaia

18:30 Port wine Premium Tawny tasting

19:30 Dinner with Portuguese tapas and wine at Vinum restaurant esplanade

21:04 Sunset with view over Porto and the Douro river

CIENCIA VIVA JOURNEY IN GUIMARÃES

Sunday 18 June (from 8:00 – 19:00)

Price: 75 Eur (lunch and transportation included)

Language: English

Minimum number participants: 6

Maximum number of participants: 25

Booking until 16 June.

Payments at Information Desk (Alfândega Congress Centre) during the Conference.

Guimarães historic centre is classified as Unesco World Heritage. The city exudes in local pride but we can't really blame it for that: Guimarães has witnessed the birth of one of Europe's most ancient countries and it looks prettier than ever. Our journey starts in the future, at the Curtir Ciência Science Centre, with promises of intelligent homes and phone calls to the moon. We then head towards the past, to discover the stinky recipes used by the local leather tanners that made Guimarães stench from afar. And we go further back in time to walk along the same city walls as the first Portuguese king.

PROGRAMME

0800 Departure by train from São Bento Station

10:30 Commented visit to Curtir Ciência – Science Centre

11:30 Guided tour to the Historic Leather Area and City Centre

13:00 Lunch with a selection of traditional dishes at the Historic Centre

14:30 Commented visit to the Castle of Guimarães and Palace of the Dukes of Braganza

16:30 Commented visit to The House of Memory

17:30 Departure by train

19:05 Arrival in Porto (São Bento Station)



**Ciência Viva
Science Centres
Network**



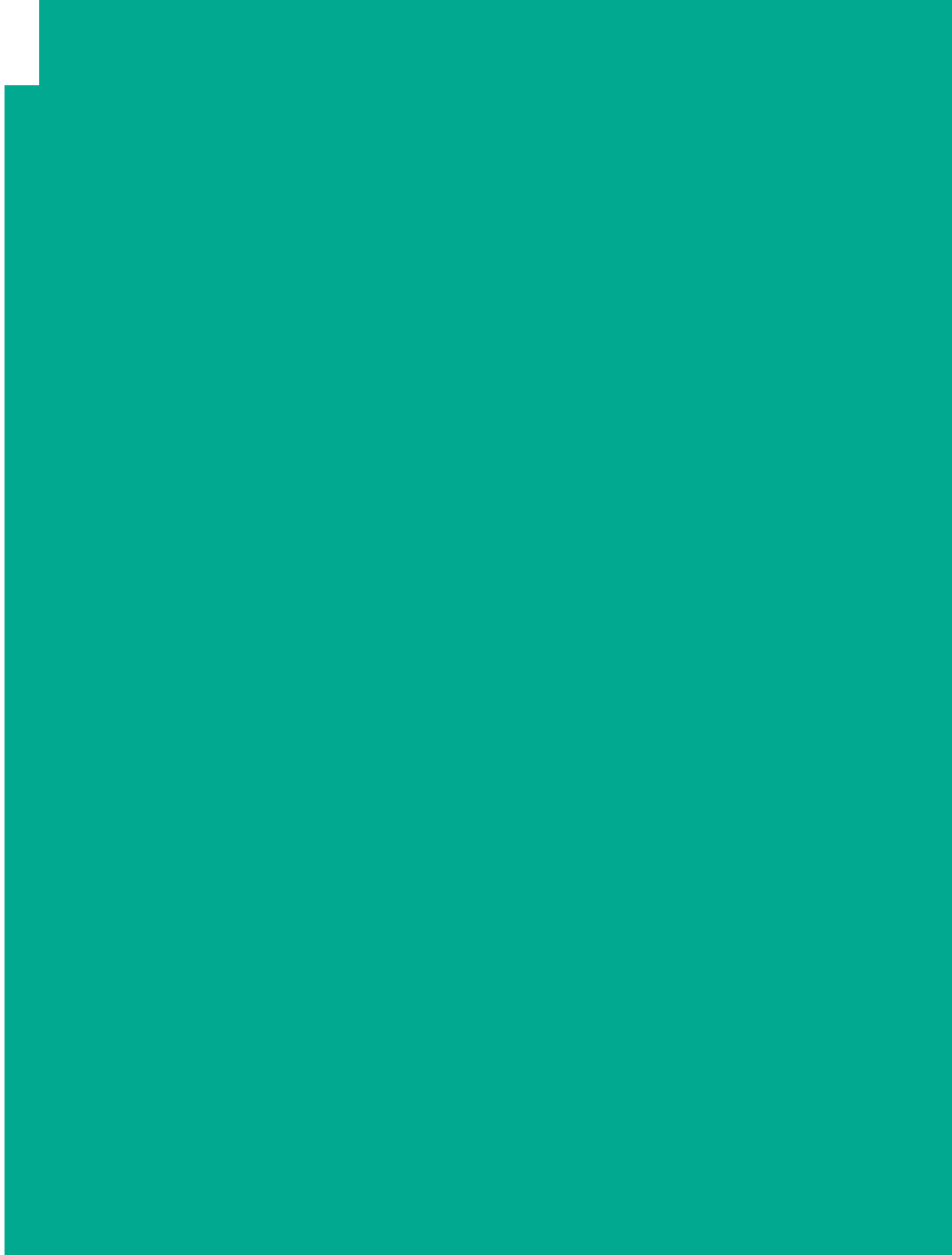
São Miguel
Island

CIÊNCIA VIVA NETWORK

Portugal is living one Europe's most prolific growth in the science centres' movement. Ciência Viva centres have been popping out all over the country during the last two decades at the rate of almost one per year. This growth is being driven by active grass-roots movements in many regions and towns, working in collaboration with universities and research labs.

These centres become an integral part of the communities from which they emerge and mirror the unique characteristics of their regions; this way the Ciência Viva network has become a kaleidoscope reflecting the diverse cultural traditions of the country. You can find Ciência Viva centres hosted in a huge variety of venues: factories, churches, even a monastery, all housed in buildings of many different styles and ages. Every Ciência Viva centre stimulates joy, excitement, amazement and wonder in their many visitors.

You will find us along the beaches of the Algarve, where our sailors once set off to explore new worlds and where today the sun attracts millions, alongside the deep mines of Alentejo and amongst our highest hills, our deepest valleys and greenest forests. Ciência Viva centres bring knowledge rooted in science that seeks to foster a new and deeper understanding of our country, its people and the regions where they live and work.



ECSITE

ECSITE

ABOUT ECSITE

Ecsite is the European network of science centres and museums, created more than 25 years ago. Ecsite's vision is to foster creativity and critical thinking in European society, emboldening citizens to engage with science. Our 350+ members include science centres, museums, aquaria and zoos, festivals, planetariums, universities and open labs, foundations and learned societies, companies, local authorities... Ecsite's mission is to inspire and empower science centres, museums and all organisations that engage people with science, and to promote their actions. As a network, Ecsite catalyses its members' collective strengths into a powerful voice, at the forefront of science engagement advocacy. It enables them to collaborate at European level and worldwide. Ecsite's actions concentrate on Europe but we welcome members from all around the world.

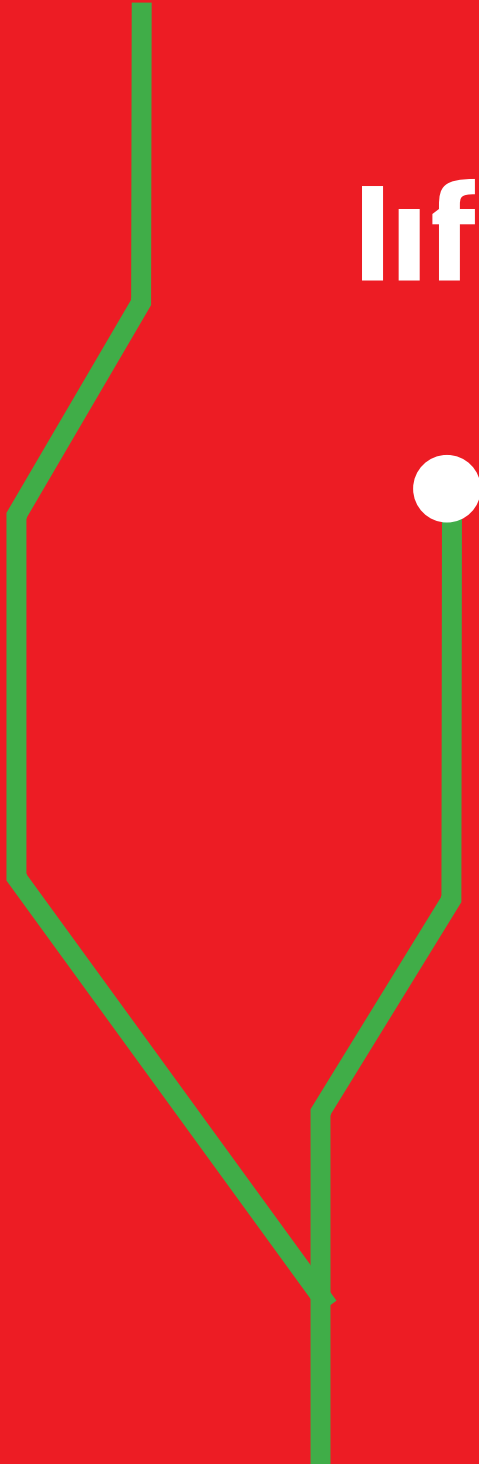
JOIN OR PARTNER UP

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

life



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 form solely on the energy, ideas and initiative of Ecsite members.



Facilitation Group. The Facilitation Group is dedicated to building a community for all staff who deliver learning experiences within a museum.



Research and Evaluation Group. The REV Group stimulates and helps facilitate research and evaluation in science centres and museums across Europe.



Nature Group. The Nature Group brings together professionals and institutions who engage audiences with nature.



Space Group. 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.

ECSITE CONTACTS

ECSITE EXECUTIVE OFFICE

Avenue Louise / Louizalaan 89/7
1050 Brussels, Belgium
Phone: +32 (0)2 649 73 83
E-mail: info@ecsite.eu
Website: www.ecsite.eu

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Browse through hundreds of pictures
on the “Ecsite Executive Office” page
(including the ones taken during this conference)

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 each year 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 2018 conference, open on the Ecsite website from 16 August to 16 October 2017.

ECSITE ACPC



CHAIRPERSON **Mikko Myllykoski**, Experience Director. Heureka - The Finnish Science Centre. Vantaa, Finland

EXPERT **Ian Brunswick**, Programme Manager. Science Gallery, Trinity College. Dublin, Ireland

EXPERT **Amito Haarhuis**, Deputy Director. NEMO Science Museum. Amsterdam, The Netherlands

EXPERT **Joanna Kalinowska**, Sponsoring Specialist. Copernicus Science Centre. Warsaw, Poland

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EXPERT **Sheena Laursen**, PGM, International Relations and Learning. Experimentarium. Hellerup, Denmark

EXPERT **Maarten Okkersen**, Head of Communications Museon. The Hague, The Netherlands

EXPERT **Vesna Pajić**, Project Manager. Ustanova Hiša eksperimentov. Ljubljana, Slovenia

EXPERT **Dorotheé Vatinel**, Curator universcience. Paris, France

EXPERT **Vlasta Volak**, CEO. Techmania Science Center. Pilsen, Czech Republic

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2017 CONFERENCE HOST REPRESENTATIVE **Carlos Catalão Alves**, Board Member. Pavilion of Knowledge - Ciência Viva. Lisbon, Portugal

2017 CONFERENCE HOST REPRESENTATIVE **Maria João Fonseca**, Interim Executive Coordinator. MHNC-UP. Porto, Portugal

2018 CONFERENCE HOST REPRESENTATIVE **Herve Groscairet**, Head Public engagement and Exhibition. MHNG. Geneva, Switzerland

ECSITE OFFICE REPRESENTATIVE **Catherine Franche**, Executive Director. Ecsite. Brussels, Belgium

ECSITE OFFICE REPRESENTATIVE **Julie Becker**, Communications and Events Manager. Ecsite. Brussels, Belgium

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

EXECUTIVE COMMITTEE



PRESIDENCY **Michiel Buchel**, CEO. NEMO Science Centre, Amsterdam, The Netherlands.
PAST PRESIDENCY **Rosalia Vargas**, President. Ciência Viva – Pavilion of Knowledge, Lisbon, Portugal.
VICE-PRESIDENCY **Herbert Muender**, General Manager. Universum, Bremen, Germany.
TREASURY **Jean Baptiste Desbois**, Executive Director. Cité de l'Espace, Toulouse, France.

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Pivi Kolk, Member of the Management Board. AHHA Science Centre, Tartu, Estonia.
Vincenzo Lipardi, Chief Executive Officer. Città della Scienza, Naples, Italy.
Tapio Koivu, CEO. Heureka – The Finnish Science Centre, Vantaa, Finland.
Michele Lanzinger, Director. MUSE, Museo delle Scienze, Trento, Italy.
Anna Omedes, Director. Museu de Ciències Naturals de Barcelona, Barcelona, Spain.
Ernesto Páramo Sureda, Director. Parque de las Ciencias, Granada, Spain.
Helen Jones, Head of Strategy and International. Science Museum Group Science Museum, London, United Kingdom.
Daniel Wetterskog, Head of Museum. Swedish Museum of Performing Arts, Stockholm, Sweden.
Miha Kos, Director. The House of Experiments, Ljubljana, Slovenia.
Jan Alfred Andersson, Manager. Vitensenteret, the Norwegian Museum of Science and Technology, Oslo, Norway.

ECSITE EXECUTIVE OFFICE



Catherine Franche, Executive Director cfranche@ecsight.eu

Julie Becker, Communications & Events Manager jbecker@ecsight.eu

Raquel da Cunha, Events & Communications Officer rdacunha@ecsight.eu

Suzana Filiation Martins, Project Assistant sfiliation@ecsight.eu

Tomas Rehacek, Project Manager trehacek@ecsight.eu

Anne Urger, Administrator aurger@ecsight.eu

Mariette Wennmacher, Administrative Executive mwennmacher@ecsight.eu

Maria Zolotonosa, Senior Project Manager mzolotonosa@ecsight.eu

INTERNS Bárbara Dias Teixeira, Marie Couédic and Cristina Paca.



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ECSITE ANNUAL
CONFERENCE
7-9 JUNE 2018



EUROPEAN NETWORK
SCIENCE CENTRES & MUSEUMS

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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!

HOST ORGANISATION TEAM

THIS ECSITE ANNUAL CONFERENCE WAS LOCALLY ORGANISED BY THE TEAMS OF...

Natural History and Science Museum
of the University of Porto

Ciência Viva

UNDER THE DIRECTION OF...

Nuno Ferrand

Director of Natural History and Science Museum
of the University of Porto

Rosalia Vargas

President of Ciência Viva

Carlos Catalão

Board of Ciência Viva

PROJECT MANAGEMENT

Maria João Fonseca

mjfonseca@mhnc.up.pt

Leonel Alegre

lalegre@pavconhecimento.pt

PROJECT ASSISTANTS

Daniela Coutinho

daniela.coutinho@cibio.up.pt

Elsa Oliveira

eoliveira@mhnc.up.pt

Ana Gomes

agomes@cienciaviva.pt

Domingas Portela

aportela@cienciaviva.pt

Paulo Gusmão

pgusmao@mhnc.up.pt

PRESS AND MEDIA RELATIONS

Daniela Couto

dcouto@cienciaviva.pt

Eduardo Pamplona

Director de Comunicação da U.Porto

pamplona@reit.up.pt

Marisa Macedo

Gabinete de Comunicação da U.Porto

mrmacedo@reit.up.pt

PRODUCTION AND ORGANISATION

The House of Events

DESIGN AND VISUAL IDENTITY

Luís Mendonça e Rui Mendonça

**WE THANK ALL VOLUNTEERS
AND COLLABORATORS
FOR THEIR ACTIVE INVOLVEMENT**

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SAUDADES

Vamos ter saudades vossas!

We will miss you!

It is usually said that “saudade” is a word that only exists in the Portuguese language. This may not be completely true, but it is definitely a Portuguese feeling.

“Saudade” means a vague desire and longing for a former place and time or for something or someone that is absent or might not even exist.

This year’s Ecsite conference will leave us with a deep sense of “saudade”.

But we know we will meet again soon!

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FOR MORE INFORMATION, CONTACT JENNIFER WALLACE AND CYNTHIA DOUMBIA:
JWALLACE@NGS.ORG | 202.807.3323 | CDOUMBIA@NGS.ORG | 202.807.3110

WHERE

Ecsite Executive Office

89 Avenue Louise – Louizalaan

B-1050 Brussels, Belgium

Phone: +32 (0) 2 649 73 83

Email: info@ecsite.eu

Website: www.ecsite.eu

Twitter: @Ecsite