



2016 Ecsite Annual Conference
9-11 June 2016 Graz, Austria
Hosted by FRida & freD,
Universalmuseum Joanneum and
the Association ScienceCenter-Network

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CONFERENCE HASHTAGS General: #Ecsite2016

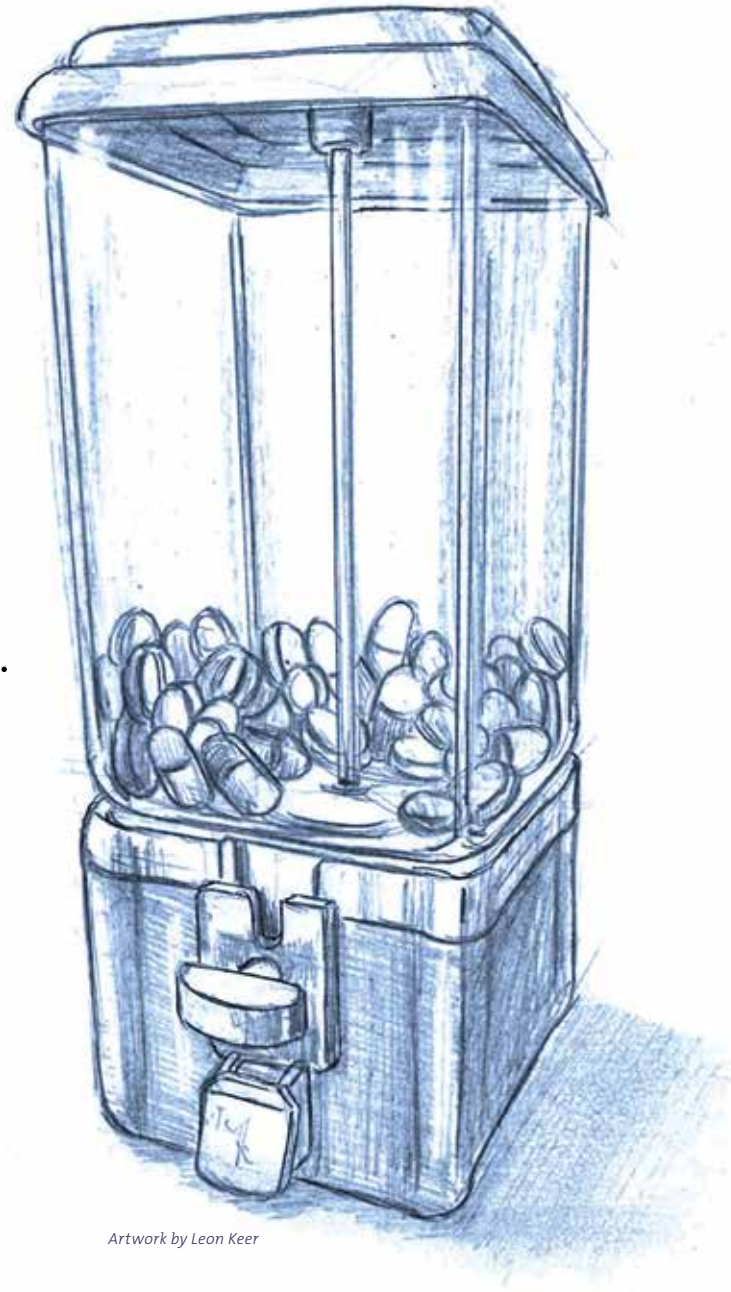
Each room has its own hashtag as shown on each session page –
use it together with #Ecsite2016 to allow conversations to flow easily!

Take a break and see
the world in a new way:
Chill with a magic pill,
a magic photo
and a sneak peek at
„Magic City“ at booth 54.

www.sc-exhibitions.com/magic



We are proud to support ECSITE and
their new touring exhibition portal EXTRA.



Artwork by Leon Keer



Michiel Buchel
Ecsite President
CEO of NEMO Amsterdam, The Netherlands



Catherine Franche
Ecsite Executive Director
Brussels, Belgium

We are proud to be welcoming you to the 27th Ecsite Annual Conference, co-organised by Ecsite and a trio of local hosts in Graz, Austria, on 9-11 June 2016.

The largest of its kind in Europe, the Ecsite conference is open to everyone interested in public engagement with science. Ecsite members and conference regulars will be particularly pleased to welcome first timers from countries where science engagement is booming, in particular Eastern Europe – note Graz's central position on the European map. This year the conference's programme Committee launched a scheme to attract new speakers bringing fresh ideas – we hope you will enjoy meeting them. We also want to share our debates and exchanges with new communities, as our special partnership with the Hands On! International Association of Children in museums shows.

Join this very special event and its unique balance of large crowds and friendly family atmosphere, broad thematic scope and focused state of the art sessions, international perspectives and European touch, spotless organisation and room for surprises, peer collaboration and friendly criticism. Get a solid basis if you're entering the field and be challenged to advanced strategic thinking if it's future perspectives you're after.

The "Colours of cooperation" theme not only resonates with Ecsite's network activities: we are sure that collaborations, co-creations and partnerships are at heart of your daily professional activities as well. You and your team will get inspiration, motivation, tips and tricks, do's and don'ts. You'll discover cutting-edge tools, gain new knowledge, and walk away with a refreshed look on your own practice. Use this conference as a springboard for personal development, for unexpected ideas, for future collaborations.

Enjoy the conference!



WELCOMES



Wolfgang Muchitsch
Universalmuseum
Joanneum



Jörg Ehtreiber
FRida & freD
The Graz Children's Museum



Margit Fischer
Association
ScienceCenter-Network



Barbara Streicher
Association
ScienceCenter-Network

Dear colleagues!

We are delighted to welcome you to our country and the beautiful city of Graz!
Cooperation is an act of working together for a common purpose or benefit.

As your three hosts – FRida & freD – The Graz Children's Museum of the host city Graz, the Universalmuseum Joanneum of the host province Styria and the association ScienceCenter-Network, active in the whole host country of Austria – we have joined forces for our common purpose to make this conference an exciting, inspiring and memorable event for you!

We are sure you will enjoy exploring our conference topic “Colours of Cooperation” on many levels: while engaging in lively exchange during sessions and workshops, continuing challenging discussions during coffee breaks, being inspired by our keynote speakers, finding new collaborators in the Business Bistro, co-creating in the Maker Space, making friends within the Hands On! Community ...

Cooperation is also at the heart of the evening social programmes: The first ever Ecsite Gala Ball will be serious fun, inviting you to dance, dine and promenade with colleagues. At the Nocturne you will marvel about the variety of partners and collaborative activities within the Austrian network. And – adding another unique layer of cooperation – you can mingle with the public at “Ecsite for all”, co-creating a giant chain reaction.

Enjoy the conference and your host city Graz!

THE THREE 2016 CONFERENCE HOSTS



This conference is the first Ecsite Annual Conference to be held in Austria and the first to be organised as a cooperation of three partners, with colourful contributions from the Austrian-wide network.



FRida & freD is a place for all children. With our programmes, we hope to enable children to learn about the world's diversity and to better understand its complexities. Along with the contents of our museum, we focus on making sure that the young people who visit us develop into confident and responsible citizens who interact carefully with their fellow human beings and their environment. We strive to be a place where children and their parents feel at home, a place that excites their senses and inspires their fantasies, and a place that touches their hearts and encourages their creativity.

FRida & freD is a place for people from different backgrounds and cultures to socially interact. Most of our exhibitions are travelling internationally. Our touring exhibitions are loaned out to other children's museums, science centres and museums.

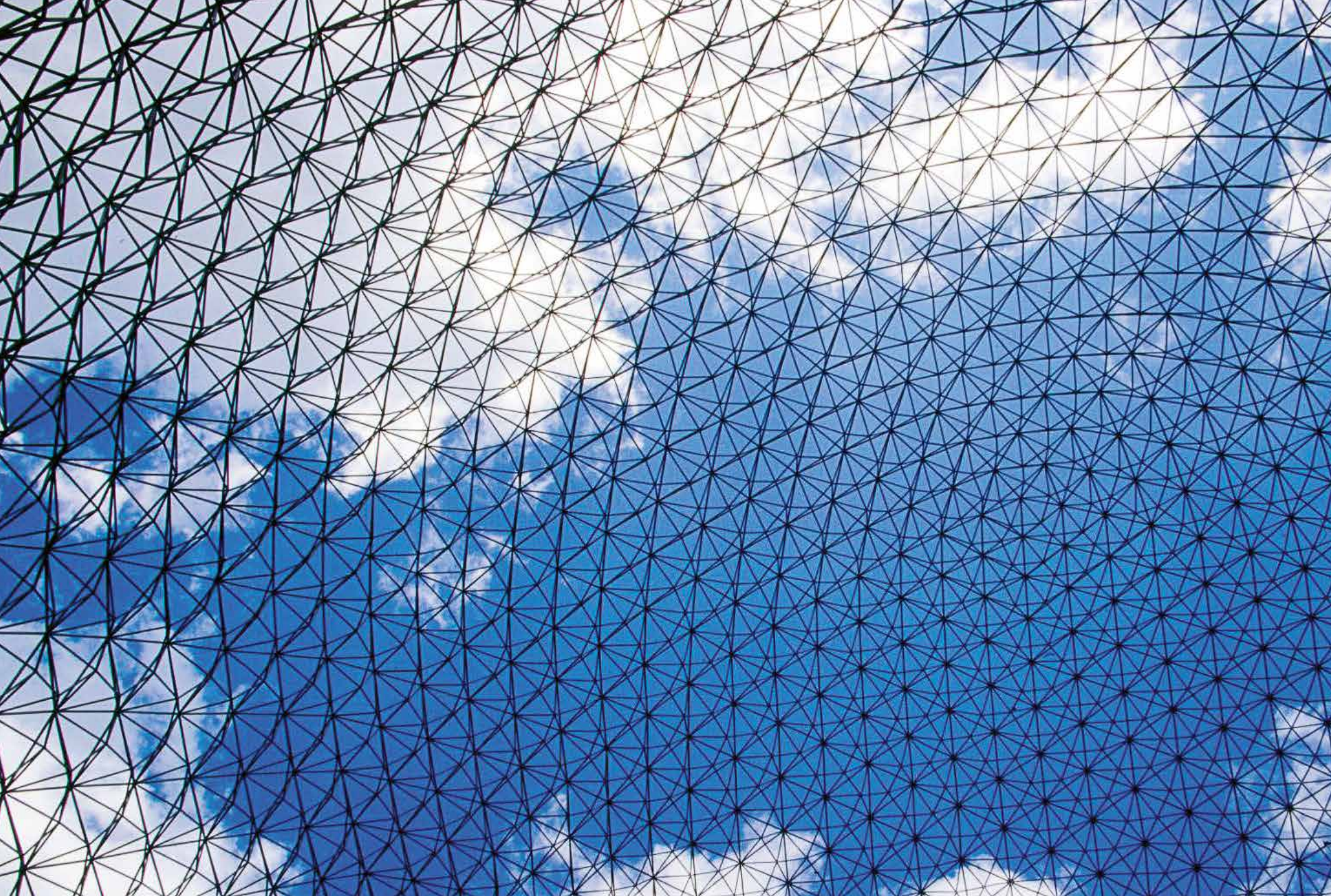
www.fridaundfred.at
www.kimus.at



The Universalmuseum Joanneum was founded in 1811 by Archduke Johann as Austria's first public museum in the spirit of the Enlightenment, to "spread the cultivation of the mind", "to promote the desire for knowledge" and "to facilitate learning". More than 200 years later this mission remains true. The Joanneum is considered the biggest of its kind in Central Europe, and houses 16 collections, which are presented at 12 locations throughout Styria. In the early decades of its existence, the Joanneum was a learning and research institute with a focus on science and technology; the corresponding collections served both for study purposes and for presentation in the museum.

Science and history, as well as art and culture of Styria were the focal points of the Joanneum Collections around 1900 in terms of content. In the course of the 20th century this profile was further extended and refined. Architecturally and historically important buildings – castles, the palaces of the nobility, former monasteries – became museum locations. Opening the Joanneum Quarter in 2011 meant the integration of the historical museum and library buildings into one functional and architectural unit, which is connected by an underground visitors' centre.

www.museum-joanneum.at



Austria's ScienceCenter-Network

is a unique structure, fostering support, exchange and research on interactive science communication. Founded in 2005, it has become a hub for hands-on science engagement in Austria. The network has now grown to more than 160 partners, not only museums or science centres, but also from research organisations and universities, educational institutions, schools and teacher organisations, companies as well as individuals from design, art and media. The diversity within the network is its strongest asset and together with the open atmosphere provides the basis for lively exchange, common learning as well as joint projects.

The association ScienceCenter-Network initiated the network, provides organisational support, international connections and continuously new impulses. It involves network partners in its own projects (travelling exhibitions, pop-up knowledge-rooms, discussion games, etc.) and in research on science center learning.

www.science-center-net.at

YOUR FEEDBACK IS PRECIOUS

You will be meeting a team of evaluators

conducting “snapshot interviews” onsite during lunches and coffee breaks. 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.

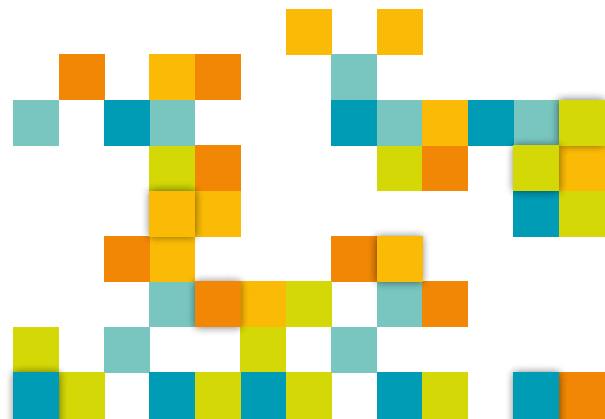
2016 novelties introduced thanks to feedback from previous editions’ attendees include:

- The “fresh ideas mean free registration” scheme, allowing 15 “outsider” speakers to participate in sessions.
- A reader-friendly guide on how to use the Erasmus+ programme to attend the conference.
- A partnership with Hands On!, the International Association of Children in Museums, bringing new crowds to the conference.
- Efforts to make the conference more sustainable
- A redesigned web page and mobile-friendly personalisable online programme.
- “Edgy” and “Foundations” session labels, helping old timers and newcomers navigate the programme.

A SUSTAINABLE CONFERENCE

Special efforts taken by our hosts to reduce the conference’s footprint include:

- Vegetarian-only lunches and catering services from local and socially responsible sources when possible.
- An option to opt out of the paper programme when registering.
- Lounge areas in the business bistro equipped with furniture from a social upcycling initiative.
- A convenient bike renting service at the convention centre.
- Low priced tickets for the public transport at the welcome desks and the registration.
- “Ecsite for all” uses only waste products and recycles them after the project.
- No disposable plates or cutlery.
- Tap water instead of mineral water in bottles – Austria has great tap water quality.





EXHIBITIONS | VENUES | CONSULTING

IMAGINE IS CURRENTLY TOURING THE FOLLOWING EXHIBITIONS:



VISIT US AT BOOTH #47 TO LEARN ABOUT OUR 25+ EXHIBITIONS

DEBBIE DONOHUE
EMAIL ddonohue@imagineexhibitions.com
WEBSITE www.ImagineExhibitions.com

PROGRAMME

*Up to 11 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

- Collections
- Equity & Inclusion
- Learning
- Exhibit development
- Explainers & visitor services
- Marketing & communication
- Strategy & vision
- Research, theory & evaluation
- Business & fundraising
- Science ♥ society

A session format

- **Pre-conference workshop:** whole-day sessions, only on Tuesday and Wednesday. Allows participants to dig deeper into specific topics. The only conference sessions to require advance registration.
- **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.
- **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...
- **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.
- **PechaKucha:** 20 slides are shown for 20 seconds each. This format keeps presentations concise and fast-paced.

- **Open stage:** Twelve speakers have four minutes each to share an inspirational experience or idea with the audience.
- **Poster showcase:** a selection of posters showcasing non-profit projects will be displayed in the Business Bistro area throughout the entire conference. Join this special time slot to meet poster authors.

Special labels (for some sessions only)

- 🔗 **Foundations:** newcomers and beginners should start here
- 💡 **Edgy:** contents or format will surprise conference regulars

A room hashtag

If you're active on Twitter, use **#Ecsite2016** **AND the hashtag of the room** you're currently in. This allows fluid conversations – otherwise tweets from all parallel sessions are jumbled up together!

PRE-CONFERENCE WORKSHOPS

PARTNERING UP FOR CITIZEN SCIENCE

09:00 – 17:45

AUDITORIUM 1+2
JOANNEUM QUARTER

WORKSHOP

#audi1

STRATEGY & VISION
SCIENCE ♥ SOCIETY

CONVENORS

Claudia Goebel, Research staff, Science in Society Division, Museum für Naturkunde Berlin, Germany
Katrin Vohland, Director Public Engagement with Science, Museum für Naturkunde Berlin, Berlin, Germany, @vohlandii (also speaker)

This workshop will explore the potential of Citizen Science (CS) for the Ecsite community at large. It will bring together CS experts from Ecsite member organisations – particularly science centres and museums – with practitioners from research and formal education institutions, open innovation communities (e.g. media-, fab-, biolabs), CS platforms and science communication initiatives.

A hands-on session with live demonstrations of projects – Lost Ladybug and Urban Barcode Project – will set the scene. Participants will then share experiences of running CS projects and debate the benefits and challenges of CS for science centres and museums. We will reflect on ways to address these and synthesize our findings in a CS toolkit on successful co-operation and quality. We will be using a range of discussion formats to keep the workshop lively and participative. Contributors are CS experts championing CS projects in a broad range of different areas including biodiversity, public health, collective intelligence, arts and making.

SPEAKERS

Romain Julliard, Professor of Biology, Muséum National d'Histoire Naturelle, Paris, France
Pia Viviani, Deputy Director, Foundation Science et Cité, Bern, Switzerland, @scienceetcite
Dacha Atienza, Head of Scientific Area, Museu de Ciències Naturals de Barcelona, Barcelona, Spain
Christine Marizzi, Manager, Urban Barcode Project, Cold Spring Harbor Laboratory, New York City, United States, @CMarizzi
Fermin Serrano Sanz, Executive Director, Fundación Ibercivis, Zaragoza, Spain
Amparo Leyman Pino, Assistant Director, Family Engagement Institute at Foothill College, San Francisco, United States, @ampisquelinda
Jeroen van der Brugge, Coordinator Content Education, Naturalis Biodiversity Center, Leiden, The Netherlands
Carole Paleco, Responsible for European projects, Royal Belgian Institute of Natural Sciences, Brussels, Belgium
Tobias Wolff, Exhibition Manager, Universum Managementges GmbH, Bremen, Germany
Paulo Gama Mota, Associate Professor, Universidade de Coimbra, Coimbra, Portugal

ACCESSING AND IMPLEMENTING RESEARCH FINDINGS

09:00 – 17:45

AUDITORIUM 3
JOANNEUM QUARTER

WORKSHOP

#audi3

RESEARCH, THEORY & EVALUATION

CONVENOR

Marie Hobson, Research Manager, Heritage Lottery Fund, London, United Kingdom, @mchobson (also speaker)

Accessing and implementing research is often problematic for museum practitioners.

In this two-day workshop, participants will: learn techniques to help them read academic research more quickly and easily; hear how academics, museum evaluators and exhibition designers are attempting to integrate research and practice; take part in a question and answer session with exhibition designers to find out what informs their practice and what evaluators should ask when working with them; hear how the Science Museum and King's College London have worked together on a collaborative research project; and see how they could use this science capital framework in their own organisation.

This workshop is organised by the Ecsite thematic group dedicated to stimulating and helping facilitate research and evaluation in science centres and museums across Europe, the REV Group.

SPEAKERS

Haiko Kilkson, Creative Director, MUSEKO, Tallinn, Estonia

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

Göran Joryd, Managing Director, Expology, Oslo, Norway, @Expology

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

Marjelle van Hoorn, Association Manager, VSC Association of science centers and science museums, Amsterdam, The Netherlands

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

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

SHAPING THE FUTURE OF FACILITATION IN SCIENCE MUSEUMS

09:00 – 17:45

NEEDLE
KUNSTHAUS

WORKSHOP

#needle

LEARNING

CONVENOR

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

Facilitation within museums and science centres is changing! New forms of facilitation are emerging from tinkering to digital interaction. The way we think about training and professional development is fundamentally shifting.

In our two-day pre-conference we will challenge you to think afresh about the nature of facilitation. We will explore new methodologies of practice, suggest alternative ways of supporting learning and dare to ask the unthinkable! International experts will present the key issues faced by contemporary facilitators and their managers, share the potential of new forms of mediation, and introduce discussions on what such changes will mean for museum and science centre practice. Time will be dedicated to capturing participants' responses and ideas, with 'views from the floor' forming a key part of the discussion. The pre-conference is a must for facilitation staff and managers keen to engage with new ways of thinking about supporting, intriguing, and ultimately increasing the numbers of visitors attending their institution.

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.

SPEAKERS

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

Ryan Jenkins, Tinkering Studio Education Developer, Exploratorium, San Francisco, United States

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

Laurent Chicoineau, Director, La Casemate, Grenoble, France

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

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

Paola Rodari, European Projects Manager and Exhibitions Developer, Sissa Medialab, Trieste, Italy

Maria Xanthoudaki, Director of Education and of International Relations, Museo Nazionale della Scienza e della Tecnologia "Leonardo da Vinci", Milan, Italy

COOPERATING WITH COMMUNITIES FOR MUTUAL BENEFIT

09:00 – 17:45

PRUNKRAUM,
MUSEUM IM PALAIS

WORKSHOP

#prunkraum

EQUITY & INCLUSION,
STRATEGY & VISION

CONVENOR

Cécile Marsan, European Project Manager,
Cap Sciences, Bordeaux, France, @cecilemarsan

How widely do science centres and museums open their doors? Do we always maximise opportunities to connect with our local communities (general public and professionals)? These collaborations can widen our audiences but also enrich the expertise and experiences on which we build our programmes, as we work WITH new communities and not just FOR them.

The workshop's first session will convey the vast array of different community groups which science centres and museums connect with. In the afternoon, we will explore the power of creativity to connect with diverse communities and attendees will be invited to identify specific opportunities for their own institutions. Finally the theme will lead us to reflect on our role within our local social fabric, and society as a whole, and on how we conduct our mission. We will look beyond specific communities to collect general take-home messages, advice and how-to. The workshop is designed to encourage active involvement from all participants.

SPEAKERS

Don Undeen, Cultural Technology Consultant,
BoomHiFive, Washington DC, United States,
@donundeen

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

Jose Antonio Gordillo Martorell, Science Communicator,
Ciudad de las Artes y de las Ciencias, Valencia, Spain,
@CityArtsScience

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

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

Jessica Bradford, Interpretation Manager, Science
Museum Group, London, United Kingdom,
@jessicabrad4

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

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

Robert West, President, Informal Learning Experiences,
Denver, United States, @ileinc1

DEVELOPING, PROTOTYPING & HACKING SCIENCE GAMES

09:00 – 17:45

SPACE 03
KUNSTHAUS

WORKSHOP

#space03

EXPLAINERS & VISITOR SERVICES
MARKETING & COMMUNICATION

CONVENORS

Isabelle Chabanon-Pouget, ICT Explainer,
Universcience, Paris, France, @isa_carnum

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

This workshop will show what a powerful tool games and gamification are to enhance any visitor experience from queuing to meeting new people, from collaborating to questioning, from playing to working. One day to trigger participants' creativity, imagine one or several science-related game(s) and bring them to life through prototyping.

The workshop's morning will be dedicated to the exploration of what makes a good game, with input from game professionals. Then, together, with dedicated coaches, we will unleash everyone's creativity to imagine new, fun, engaging games, with some science in them. Whether you are a non-player, an old romantic wooden game lover, a role play psychopath, a video game hacker or just a usual player, a rookie, beginner or confirmed game developers – you are welcome! We will be designing board games, physical games (long or short) or even videogames. Prototypes will then be beta-tested during the main conference, hosted in the GameLab space where further hacks, developments and iterations will be encouraged.

SPEAKERS

Matthieu Vernet, Project Manager, Universcience, Paris,
France, @vernetmatthieu

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

John Sear, Creative Director, wallFour Ltd, Birmingham,
United Kingdom, @discostu_uk

Malvina Artheau, Executive Manager – Development &
European Partnerships, Science Animation
Midi-Pyrénées, Toulouse, France, @MalvinaArtheau

PUTTING RRI INTO PRACTICE

09:00 – 17:45

SPACE 04
KUNSTHAUS

WORKSHOP

EQUITY & INCLUSION,
SCIENCE ♥ SOCIETY

#space04

CONVENORS

Andrea Troncoso, Project Manager, Ecsite, Brussels, Belgium, @AndreaEcsite

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

This workshop provides a comprehensive training on Responsible Research and Innovation (RRI), the ongoing process of aligning research and innovation with societal needs and expectations and one of the most important science policy trends in EU funding scheme Horizon 2020.

This training addresses the needs of professionals who are interested in leading their organisations into RRI practice, and will be particularly useful to those working in science communication/education, contributing to improve their interactions with researchers, policy makers, business and industries and civil society. Participants will be exploring the RRI Toolkit (www.rri-tools.eu), an online repository bringing together dozens of unique and reliable tools for a variety of RRI scenarios. For those who doubt whether RRI has anything to do with their work, RRI Tools provide a self-reflection tool to help determine where they stand.

SPEAKERS

Eva Zua Zua, Project Manager, Fundació Bancària “la Caixa” (CosmoCaixa Barcelona), Barcelona, Spain

Viola Pinzi, Sciences Project Officer, European Schoolnet, Brussels, Belgium, @violapinzi

Maria Schrammel, Researcher, Zentrum für Soziale Innovation, ZSI, Vienna, Austria, @schrammelm

Steve Miller, Professor of Science Communication / Planetary Science, University College London, London, United Kingdom

Antonina Khodzhaeva, Project Manager, Ecsite, Brussels, Belgium

Margit Hofer, Senior Researcher, ZSI – Centre for Social Innovation GmbH, Vienna, Austria

Carlos Catalao Alves, Head of Communication, Pavilion of Knowledge (Pavilhão do Conhecimento) – Ciência Viva, Lisbon, Portugal, @CatalaoAlves

Sheena Laursen, Science Projects Manager, Experimentarium, Hellerup, Denmark

DEVELOPING AND SHARING “SPACE FOR LIFE” RESOURCES

09:00 – 17:45

SPACE 05
KUNSTHAUS

WORKSHOP

LEARNING,
SCIENCE ♥ SOCIETY

#space05

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)

This workshop invites you to collaborate in the shaping of resources to include space science in your public engagement activities.

Representatives of the European Space Agency (ESA) will present latest European space developments, with a particular focus on ESA's Rosetta and ExoMars missions. Examples of collaborative projects between research organisations and science centres and museums will inspire participants to contribute to the Ecsite Space Group's project in the making, “Space for life”, that will result in resources available to the wide science engagement community.

This workshop is organised by the Ecsite thematic group dedicated to improving and extending communication about space science by helping science centres, space professionals and non-specialists to develop collaborative projects and events, the Space Group.

SPEAKERS

Michaela Gitsch, Expert in Education & Outreach, FFG, Vienna, Austria

Franco Bonacina, Director General's Spokesperson and Head of the Protocol Office, European Space Agency – ESA, Paris, France

Jean-François Clervoy, Astronaut, European Space Agency – ESA, Paris, France

Fiorella Coliolo, Freelance consultant for ESA, 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

Jose Antonio Gordillo Martorell, Science Communicator, Ciudad de las Artes y de las Ciencias, Valencia, Spain, @CityArtsScience

ECSITE FOR ALL – MINGLE WITH THE LOCALS

09:00 – 17:45

HALL A
CONVENTION CENTRE

OTHER

SCIENCE ♥ SOCIETY

#hallA

Join the local public in building a fantastic machine of chain reactions in one of the Messe Congress convention centre's large halls. This public event will involve Graz inhabitants: schools classes, kindergarden groups, universities and companies – and of course Ecsite conference participants. More on page 159.

CONNECTING VISITORS WITH REAL NATURE

09:00 – 17:45

AUDITORIUM 1+2
JOANNEUM QUARTER

WORKSHOP

EXHIBIT DEVELOPMENT,
STRATEGY & VISION

#audi1

CONVENORS

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

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

Museums and science centers often put on exhibitions about nature or environmental topics, aiming to equip visitors with a deeper understanding for the importance of conservation and the need for sustainability. Attracting visitors in man-made buildings in order to investigate, learn and care more about nature seems a rather contradictory idea: wildlife should be investigated in the wild, shouldn't it? Since most people on Earth live in cities, and most European have lost regular contact with nature, reconnecting them to nature – whether by bringing them to nature or nature to them – has become more urgent and is a priority in promoting and understanding nature. How can we create indoor exhibitions or experiences to inspire visitors to care about “real nature”? What kind of products or projects will give our visitors this heartfelt relationship with nature we would like them to have? This pre-conference focuses on the indoor-outdoor paradox in different ways. The natural history exhibitions located a few feet away at the Universalmuseum Joanneum will serve as a playground for testing ideas.

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

SPEAKERS

Anne-Caroline Prévot, Director of research at CNRS, Muséum National d'Histoire Naturelle, Paris, France

Bryan Carroll, Director, Bristol Zoo, Bristol, United Kingdom

Annette Scheersoi, Professor, Biology Education, Rheinische Friedrich Wilhelms-Universität, Bonn, Germany

ADVANCING THE CHILDREN'S MUSEUMS FIELD

09:00 – 17:45

STYRIAN LIBRARY,
JOANNEUM QUARTER

WORKSHOP

LEARNING,
SCIENCE ♥ SOCIETY

#library

CONVENOR

Jörg Ehtreiber, Director, FRida & freD – The Graz Children's Museum, President of Hands On!, Graz, Austria (also speaker)

This special pre-conference workshop is organised by the Hands On! International Association of Children in Museums. Hands On! and Ecsite are partnering up for the first time in 2016. Join us for a practical one-day workshop which explores various possibilities of cooperations and reveals the power of partnerships and their benefits for all participants. Our leading thread will be how we can all be innovative, creative and achieve our objectives on networking and advancing the children's museum field.

The programme will include keynotes in the morning and study visits in the afternoon, which will also be an opportunity for participants to engage in conversation with the speakers and with each other. The programme also features a series of case study presentations around the “Colours of Cooperation” topic. The workshop is designed for people working in the children's museums field but will also be of interest to professionals across all disciplines wanting to consider how, within their role, they can support their organisation in cooperation with various institutions. Participants are very welcome to contribute contents.

SPEAKERS

Andrea Guenther, Office Management, Hands On! International Association of Children in Museums, Graz, Austria

Erdoğan Kahyaoğlu, Managing Director, Informal Education cocukistanbul, Istanbul, Turkey

Marta Biarnes, Professional Development Associate, National Living Laboratory, Museum of science, Boston, United States

Christiane Thenius, Project Manager, ZOOM Kindermuseum, Vienna, Austria

Bernadette Decristoforo, Project and Exhibition Manager, Technisches Museum Wien, Vienna, Austria

Patrizia Tomasich, Director and Presidente, Museo dei Bambini, Rome, Italy

Patricia Barciela, Directora Técnica, Domus Museos Científicos Coruñeses, La Coruña, Spain

ACCESSING AND IMPLEMENTING RESEARCH FINDINGS

09:00 – 17:45

AUDITORIUM 3
JOANNEUM QUARTER

WORKSHOP

RESEARCH,
THEORY & EVALUATION

#audi3

This is the second day of a two-day workshop – see full description on 7 June.

USING TINKERING TO COLLABORATE WITH COMMUNITIES

09:00 – 17:45

SPACE 03
KUNSTHAUS

WORKSHOP
LEARNING

#space03

CONVENOR

Ryan Jenkins, Tinkering Studio Education Developer, Exploratorium, San Francisco, United States

As part of this unique pre-conference workshop, we'll first all participate in a large collaborative chain reaction event called "Ecsite for all", organised with the Graz inhabitants on Tuesday 7 June. We will observe, build, and facilitate this chain reaction.

On Wednesday 8 June we will use this shared experience to reflect on the ways that tinkering and making can connect science centres and museums to the larger community. We'll begin with a deep dive into the public event. We'll discuss the experience and consider how this type of activity can provide inspiration, suggest possibilities, and generate questions related to our practice. In the afternoon, workshop convenors will share a hands-on review of several activities and tools inspired by community makers and events such as masking tape sculptures, circuit stickers, and strawbee creations. At the end of the day, we'll discuss maker faires, public art events, and camps and classes. Through these diverse examples, participants will gain an understanding of how making can involve a wider community.

SPEAKERS

Lydia Beall, Tech Studio Program Manager, Museum of science, Boston, United States

Vanessa Mignan, Public Engagement Manager, TRACES / Espace des Sciences Pierre-Gilles de Gennes, Paris, France, @GroupeTraces

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

Sarah Funk, Project Manager, ScienceCenter-Network, Vienna, Austria

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

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

SHAPING THE FUTURE OF FACILITATION IN SCIENCE MUSEUMS

09:00 – 17:45

NEEDLE
KUNSTHAUS

WORKSHOP
LEARNING

#needle

This is the second day of a two-day workshop – see full description on 7 June.

MAKING THE MOST OF NATIONAL AND TRANS-NATIONAL NETWORKS

09:00 – 17:45

SPACE 04
KUNSTHAUS

WORKSHOP
STRATEGY & VISION

#space04

CONVENORS

Robert Firmhofer, CEO, Copernicus Science Centre, Warsaw, Poland (also speaker)

Barbara Streicher, Executive Manager, ScienceCenter-Network, Vienna, Austria, @b_streicher (also speaker)

National networks and Ecsite are powerful instruments to develop science engagement. We share common challenges, and our collective effectiveness could be reinforced through a regular collaboration. Yet we seldom have the chance to share, analyse and eventually align our strategies. This one-day pre-conference workshop will be open to national or transnational networks that work in science engagement or informal science learning. The workshop will be led by SPiN, the Polish network, assisted by the Austrian ScienceCenter-Network and by Ecsite. Three strands will structure the workshop. 1/ Network specificities: we will learn how networks with their specific structure are suitable in an increasingly complex environment and which kind of data can be gathered and used in network governance. 2/ Advocacy: we will discuss strategies of relating to stakeholders (governments, members, funders) and working on transformative processes (e.g. educational systems) at national and European levels and seek to align common efforts. 3/ Diverse memberships: we will analyse how we cater for the needs of our often quite diverse members and investigate the threats and opportunities arising from diversity or homogeneity of members.

SPEAKERS

Catherine Franche, Executive Director, Ecsite, Brussels, Belgium

Carlos Catalao Alves, Member of the Board of Directors, Ciência Viva, Lisbon, Portugal

Didier Michel, Director, AMCSTI, Paris, France

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

Wiktór Gajewski, Science and Art Events Director, Copernicus Science Centre, Warsaw, Poland

DEVELOPING AND SHARING "SPACE FOR LIFE" RESOURCES

09:00 – 17:45

SPACE 05
KUNSTHAUS

WORKSHOP
LEARNING, SCIENCE ♥ SOCIETY

#space05

This is the second day of a two-day workshop – see full description on 7 June.

SPEAKERS RECEPTION

18:30 – 20:30

FRida & freD – THE GRAZ
CHILDREN'S MUSEUM

SOCIAL EVENT

Open to all conference speakers and convenors. The Graz Children's Museum FRida & freD will be hosting this cosy reception with Styrian music and dishes. A chance to discover FRida & freD's ingenious exhibitions and meet representatives of Ecsite's partner organisation Hands On!, the International Association of Children in Museums. More on page 151.

ECSITE BOARD MEETING & DINNER

MEETING: 12:00 – 17:30

DINNER: 20:00

Open to Ecsite Board members only.

ECSITE FOR ALL – MINGLE WITH THE LOCALS

13:00 – 17:45

HALL A
CONVENTION CENTRE

OTHER

SCIENCE ♥ SOCIETY

#hallA

Join the local public in building a fantastic machine of chain reactions in one of the Messe Congress convention centre's large halls. This public event will involve Graz inhabitants: schools classes, kindergarden groups, universities and companies – and of course Ecsite conference participants. More on page 159.



SCWS 2017

Connecting the World
for a Sustainable Future

SCWS = Science Centre World Summit

<http://scws2017.org/>

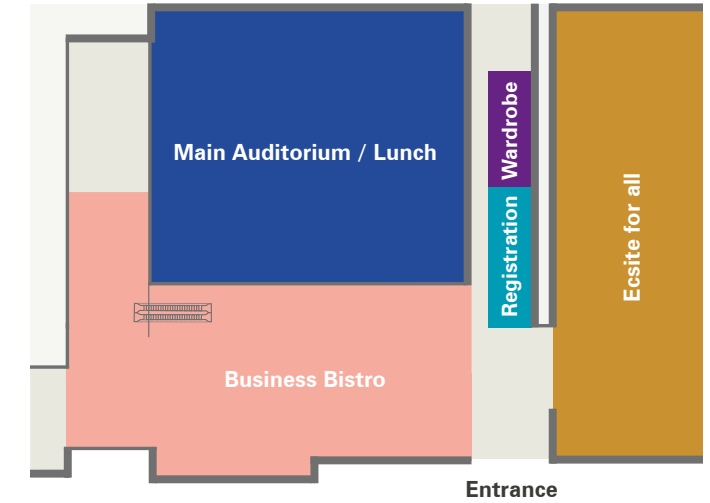
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MAIN CONFERENCE

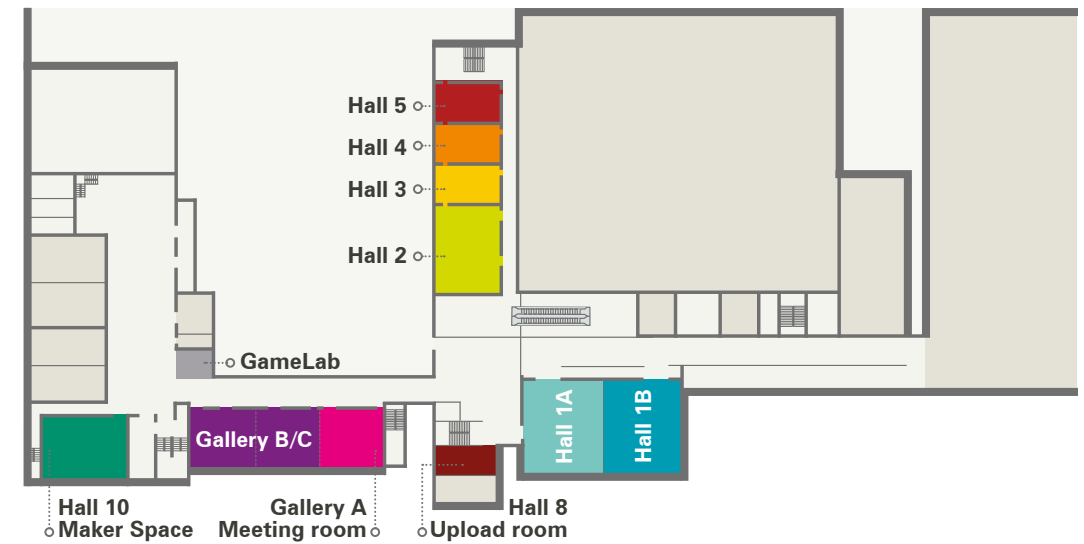


CONVENTION CENTRE
Messeplatz 1, 8010 Graz

GROUND FLOOR



1st FLOOR



NEWCOMERS BREAKFAST

08:00 – 10:00

BUSINESS BISTRO
CONVENTION CENTRE

SOCIAL EVENT

#BB

CAFE AT THE BACK
OF BUSINESS BISTRO

Mingle with other first-time delegates and meet a few conference old-timers who will share their tips and tricks to make the most of the Ecsite conference. A refreshing start to three hectic conference days and an informal opportunity to start building your network. Advanced booking only.

OPENING CEREMONY

10:00 – 11:00

MAIN AUDITORIUM
CONVENTION CENTRE

#audi

Welcome to the conference's official start. Officials, host and Ecsite representatives will be setting the scene, with playful interludes by a colourful theatre company.

SPEAKERS

Margit Fischer, President Association ScienceCenter-Network | **Jörg Ehtreiber**, Director FRida & freD – The Graz Children's Museum | **Wolfgang Muchitsch**, Director Universalmuseum Joanneum | **Barbara Streicher**, CEO Association ScienceCenter-Network | **Michiel Buchel**, President, Ecsite | **Catherine Franche**, Executive Director, Ecsite | **Kurt Hohensinner**, City Councillor for Education, Integration and Sport | **Heinz Fischer**, Federal President of the Republic of Austria

A BLINDFOLDED EXPERIENCE

12:00 – 13:15

BUSINESS BISTRO
CONVENTION CENTRE

WORKSHOP

#BB

EQUITY & INCLUSION,
LEARNING

FOUNDATIONS

CONVENOR

Christelle Guiraud, Exhibit Developer, Universcience, Paris, France

In this workshop participants will be blindfolded or will be wearing special glasses making them visually impaired. Guided by convenors and speakers, they will be going on a walk, exploring Business Bistro booths and discovering adapted exhibits (relief drawings, adapted multimedia, editorial audio sequences, sculptures, sounds that help ergonomic discovery, tactile books or games, etc.). A collective experience feedback discussion will be taking place at the end of the session. Participants will really feel in their body what it means to be blind or visually impaired. They will remember "in the flesh" the important points they have to take into consideration when putting together future exhibits or designs. The workshop is for 30 people maximum. Meet up at the Universcience booth in the Business Bistro (n°8).

SPEAKERS

Nathalie Joncour, Accessibility Expert (visually impaired people), Universcience, Paris, France
Benny Beringer, Project Manager, Kurt Hüttinger GmbH & Co. KG, Schwaig bei Nürnberg, Germany

SUPPORTING SCIENTIFIC CITIZENSHIP: ARE WE MEETING THE CHALLENGE?

12:00 – 13:15

GALLERY B+C
CONVENTION CENTRE

OTHER

#gallBC

RESEARCH, THEORY & EVALUATION,
SCIENCE ♥ SOCIETY

EDGY

CONVENOR

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

Science centres are often described as ideal sites for the public to participate in discussions related to scientific knowledge. But to what extent can and do visitors participate? How can science centres and museums design programmes that enable participation and support scientific citizenship? Andrea Bandelli will present his academic research study carried out in 12 European venues. Results show that visitors are keen to participate in discussions, particularly if they perceive the institution to be active in the politics of contemporary science; and that co-development of exhibitions with the public might not always be effective in supporting public engagement. A researcher and museum professional will offer their interpretations of what Bandelli's research means for the future, and invite contributions from the audience.

SPEAKERS

Andrea Bandelli, CEO, Science Gallery International, Dublin, Ireland, @maphutha
Sarah Davies, Lecturer, University of Copenhagen, Copenhagen, Denmark
Antonio Gomes da Costa, Independent Consultant – Science Communication and Education, Antonio Gomes da Costa – Comunicação em Ciencia Unipessoal lda, Lisbon, Portugal

GAMELAB: OPEN PLAY

12:00 – 13:15

GAMELAB
CONVENTION CENTRE

OTHER

#GameLab

LEARNING,
SCIENCE ♥ SOCIETY

CONVENOR

Malvina Artheau, Executive Manager – Development & European Partnerships, Science Animation Midi-Pyrénées, Toulouse, France, @MalvinaArtheau

The GameLab is an informal drop-in space entirely dedicated to gaming. Want to play some yet-to-come games designed by science centres? Ready to participate in an on-going experiment of collectively designing a game, from idea to prototype to testing? Need to settle for a while in a cozy space? Have a specific question about game design? Looking for new ideas to engage your visitors? Visit the GameLab and its dedicated team. Ask questions, just sit and play by yourself or with others or even bring a game you like and share it.

SPEAKERS

Matthieu Vernet, Project Manager, Universcience, Paris, France, @vernetmatthieu
Isabelle Chabanon-Pouget, ICT Explainer, Universcience, Paris, France, @isa_carrum
Melissa Richard, ICT Explainer, Universcience, Paris, France
Kate Kneale, Director, HKD, Margate, United Kingdom, @KnealeK
John Sear, Creative Director, wallFour Ltd, Birmingham, United Kingdom, @discostu_uk

SCIENTISTS & COMMUNICATORS: FRUITFUL COOPERATIONS

12:00 – 13:15

HALL 1A
CONVENTION CENTRE

PANEL

STRATEGY & VISION, RESEARCH,
THEORY & EVALUATION

#hall1A

CONVENOR

Simone Schumann, Project Leader, Open Science Vienna – Lebenswissenschaften im Dialog, Vienna, Austria

Cooperation with scientists is an essential part of contemporary science communication, most of the time aiming to foster dialogue and debate between citizens and scientists. However, working realities in science can be opposed to engagement in communication activities. We will reflect on challenges such as: Are incentives necessary to involve scientists? How to deal with the fact that not all scientists are trained in communicating with “lay people”? How do we handle lack of time and engagement in the scientific community? Overall we are convinced that long-term partnerships between scientists and science communication organisations enable profitable mutual learning and will focus on identifying best practice.

SPEAKERS

Sergey Kishchenko, Artist, Observation Journal, Russia
Alexey Semikhatov, Science Curator, Polytechnic Museum, Moscow, Russia

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

Brigitte Gschmeidler, Executive Manager, Open Science – Lebenswissenschaften im Dialog, Vienna, Austria

Didem Aydinmakina, Manager of Eskisehir Metropolitan Municipality Science Center, Eskisehir Science & Experiment Center of Metropolitan Municipality and Sabanci Planetarium, Eskisehir, Turkey

STREET SCIENCE

12:00 – 13:15

HALL 1B
CONVENTION CENTRE

REVERSE

LEARNING,
SCIENCE ♥ SOCIETY

#hall1B

CONVENOR

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

Science centres and museums are moving part of their activities out of their premises. These outdoor activities enable science centres to communicate and promote science with wider and more diverse audiences. What can we accomplish by moving our activities outside? What is the best way to do it? Transforming streets, stadiums, islands, parks and bridges into a roofless museum space can be a demanding task, often requiring high(er) human and financial resources and the involvement of many different entities. After a series of short case study presentations, participants will be invited to share their own experiences.

SPEAKERS

Heidrun Schulze, Project Manager, ScienceCenter-Network, Vienna, Austria

Vesna Pajić, Project Manager, Ustanova Hisa Eksperimentov – The House of Experiments, Ljubljana, Slovenia

Leonardo Alfonsi, Director, Perugia Science Fest, Psiquadro scarl, Perugia, Italy

Samuela Caliori, Head of Public Programs, MUSE – Museo delle Scienze, Trento, Italy

Wiktor Gajewski, Science and Art Events Director, Copernicus Science Centre, Warsaw, Poland

THE POTENTIAL OF CHILDREN'S UNIVERSITIES

12:00 – 13:15

HALL 2
CONVENTION CENTRE

PANEL

EQUITY & INCLUSION,
SCIENCE ♥ SOCIETY

#hall2

CONVENOR

Cyril Dworsky, International Liaison Coordinator, European Children's Universities Network EUCU.NET, Vienna, Austria, @eucunet

In recent years, universities and other research organisations made manifold attempts to open up their institutions and facilities to allow for new encounters with science, arts and humanities. Children's Universities create special spaces of “otherness” where children and young people connect with academic researchers and students. They have become widespread and successful models for informal learning environments and first glimpses into the scientific world. Workshop participants will explore the manifold types and characteristics of Children's University models, as well as of similar science in society (SiS) interventions. Special attention will be given to possible cooperation between universities and science centres and museums and to access and inclusiveness in science in general.

SPEAKERS

Karoline Iber, General Manager, Vienna University Children's Office/Kinderbüro Universität Wien, Vienna, Austria

Christiane Thenius, Project Manager, ZOOM Kindermuseum, Vienna, Austria

Simona Cerrato, Science Communicator, Sissa Medialab, Trieste, Italy

PUBLIC PROGRAMMES: GET YOUR WHOLE ORGANISATION ON BOARD

12:00 – 13:15

HALL 3
CONVENTION CENTRE

PANEL

MARKETING & COMMUNICATION,
SCIENCE ♥ SOCIETY

#hall3

CONVENOR

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

Our public programmes are powerful drivers to reach audiences on the one hand and partners on the other hand. We want to both challenge the way visitors think and generate revenue. Achieving these aims can be seen as mutually exclusive or as potentially conflicting priorities for distinct teams within an organisation unless we embrace new levels of cooperation and change the way we approach our programming. If we want to take developing audiences beyond marketing, provoking thought beyond learning activity and make financial sustainability a challenge for all teams we must work in new ways. Inter-departmental cooperation leads to new approaches, a more dynamic offer and a more varied programme. This session will look at three different perspectives on change and internal cooperation in public programming.

SPEAKERS

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

Stephen Roberts, Public Programme Manager, The Natural History Museum, London, United Kingdom

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

SCIENCE CAPITAL PUT INTO PRACTICE

12:00 – 13:15

HALL 4
CONVENTION CENTRE

REVERSE

EQUITY & INCLUSION,
SCIENCE ♥ SOCIETY

#hall4

CONVENOR

Micol Molinari, Learning Resources coordinator,
Enterprising Science project, Science Museum Group,
London, United Kingdom

The concept of science capital, a way to look at all the science-related knowledge, social contacts, attitudes and experiences a person has, offers us a lens for understanding the differences in our audiences' engagement with science ... Why some people feel at home with – or conversely, intimidated by – the experiences we offer. Can we embed the concept within our practice to identify successes and opportunities in how we connect to our audiences, and develop approaches to reach those who aren't yet using us? We will explore the practical ways in which informal science learning providers are using the science capital concept to reach under-served audiences, and will discuss whether it can help build relationships with all our audiences, to help science flourish in more people's lives and careers, improving life chances.

SPEAKERS

Cecilia Ekstrand, Director of Education, Tom Tits
Experiment, Sodertalje, Sweden

Beth Hawkins, Learning Resources Projects Manager,
Science Museum Group, London, United Kingdom

Enrico Tombesi, Director, Fondazione POST, Perugia, Italy

Paula Bäckman, Head of Educational Development,
Balthazar Science Center, Skövde, Sweden

RE-INVENTING DIORAMAS

12:00 – 13:15

HALL 5
CONVENTION CENTRE

PANEL

LEARNING, EXHIBIT
DEVELOPMENT

#hall5



CONVENOR

Raphael Chanay, Interpretation Developer, The Natural
History Museum, London, United Kingdom, @rafchanay

Are dioramas old-fashioned, outmoded, quaint and even embarrassing? Or do they embody everything that is engaging and memorable about a museum visit: being transported to a different time and place and learning as an active participant, through immersion and investigation? We will explore the mixed reactions inspired by dioramas and their possible role in the 21st century as displays and learning tools. Dioramas are complex exhibitions to design, maintain and interpret. Yet by inviting visitors to explore a highly immersive environment, they are often popular displays, providing context to science but also blurring boundaries between what is real and what is staged, what is a story and what is science. Hear different perspectives from museum professionals and academics on the topic, and step into the debate.

SPEAKERS

Annette Scheersoi, Professor, Biology Education,
Rheinische Friedrich Wilhelms-Universität, Bonn,
Germany

Annekathrin Ranft, Wissenschaftliche Volontärin /
curatorial trainee, Deutsches Museum, Munich, Germany

Jessica Bradford, Interpretation Manager, Science
Museum Group, London, United Kingdom,
@jessicabrad4

WHAT'S NEW IN TOURING EXHIBITIONS – 1

12:00 – 13:15

MAIN AUDITORIUM
CONVENTION CENTRE

TRAVELLING EXHIBITIONS

#audi

EXHIBIT
DEVELOPMENT

CONVENOR

Audrey O'Connell, Museum Consulting, Audrey
O'Connell + Associates, London, United Kingdom

A preview of current and upcoming touring science exhibitions across Europe. This fast-paced session will give you a glimpse of the large range of exhibitions on offer, leaving it up to you to make contacts and find out more. You will also be hearing about the relaunch of EXTRA, the Ecsite science touring exhibitions marketplace.

SPEAKERS

Talent – Jana Pivonkova, Sales and Marketing
Manager, iQLANDIA Science Center, Liberec, Czech
Republic

MONKEYS – Manon Delaury, Director of International
Partnerships, Nomad Exhibitions, Edinburgh, United
Kingdom, @ManonDelaury

Sexmision – Jakub Šesták, Marketing Specialist,
iQLANDIA Science Center, Liberec, Czech Republic

IDEA: Ancient Greek Science and Technology –

Thanassis Kontonikolaou, General Manager, NOESIS
– Thessaloniki Science Center and Technology Museum,
Thessaloniki, Greece

INVENTIONS – From Zany to Brainy! – Bettina

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

Cuba – Matthew Heenan, Global Business Development,

American Museum of Natural History, New York, United
States, @mattpaheenan

Parasites – Life Undercover – Linda Gallé, Curator,
Exhibitions and Knowledge Transfer, Museum für
Naturkunde Berlin, Berlin, Germany

... it's so simple and Mix and play – Katarzyna

Przeiętka, Head of Science and Education Department,
Innovation Centre Mill of Knowledge, Torun, Poland

Play and Learn with Traditional Local Thai Toys –

Peeranut Kanhadilok, Head of Exhibition Section of the
Science Museum, Thailand, National Science Museum,
Khlong Luang, Thailand

WOW. Wonders of Wildlife – Manuel Roca, Production
Department Manager, Parque de las Ciencias, Granada,
Spain

Ocean & Climate: getting hot in here! – Manuel Cira,
Head of Cultural Unit, NAUSICAA National Sea
Experience Centre, Boulogne sur Mer, France

Darwin the original – Marie-Sophie Mugica, Head of
the Export Department, Universcience, Paris, France

The Science Behind PIXAR – Ioannis Miaoulis,
President and Director, Museum of Science, Boston,
United States

SOS. Lessons learned after a disaster – Cristina

González, Head of Communication Department, Parque
de las Ciencias, Granada, Spain

Relaunching the EXTRA marketplace – Olivier

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

FROM MAKERSPACE TO SPACE OF BECOMING – 1

12:00 – 13:15

MAKERSPACE
CONVENTION CENTRE

WORKSHOP
LEARNING

#MakerSpace
EDGY

CONVENORS

Agnes Bauer, Psychologist, ZNL TransferZentrum für Neurowissenschaften und Lernen, Ulm, Germany
Jochen Hunger, Scenographer, jh Museum & exhibition design, Erlangen, Germany

Not everyone is a maker, yet everyone “makes” him or herself through a process of learning. We acquire knowledge from different fields through different channels, in distinct places, with selected people and at certain times. Some of these encounters are more influential in the “making” of ourselves than others. This workshop will enlarge our understanding of the powerful yet specific settings that have a lasting impact. In this first part we “make” a reconstruction of our personal path of becoming who we are, through learning and making. Which were the most significant places for growing into our profession, societal role or personal identity? We'll collect examples brought along by participants and our discussion will be followed by an exhibition of images, drawings and statements. Join us for part 2 on Saturday at 16:30.

ECSITE FOR ALL – MINGLE WITH THE LOCALS

13:00 – 17:45

HALL A
CONVENTION CENTRE

OTHER
SCIENCE ♥ SOCIETY

#hallA

Join the local public in building a fantastic machine of chain reactions in one of the Messe Congress convention centre's large halls. This public event will involve Graz inhabitants: schools classes, kindergarden groups, universities and companies – and of course Ecsite conference participants. More on page 159.

GETTING INSPIRATION FROM TOYS

14:30 – 15:45

BUSINESS BISTRO
CONVENTION CENTRE

OTHER
EQUITY & INCLUSION, EXHIBIT DEVELOPMENT

#BB

CONVENOR

Ian Russell, Director, Ian Russell Interactives, High Peak, United Kingdom (also speaker)

A toy is anything that succeeds in attracting and holding a child's interest, stimulating curiosity, encouraging creativity and inspiring imagination. Toys can teach us how to create better experiences for young people. They also remind adults how to play. This is important! As we grow older, we become more boring to young audiences: obsessed with information, we forget that real science is also about exploring and experimenting. Come along and play with age-old, traditional wooden toys, toys you can make yourself and toys designed by children. Some have been used in science centre outreach activities and others have inspired a professional designer to create better interactive exhibits. Bring your favourite soft-toy animal and contribute to a cuddly species classification! Join an informal, fully hands-on session.

SPEAKERS

Erik Torstensson, Fungineer, Gothenburg, Sweden, @MakeStrawbees
Peeranut Kanhadilok, Head of Exhibition Section of the Science Museum, National Science Museum, Khlong Luang, Thailand
Ed Sobey, Outreach Instructor, Teknikens Hus – Northwest Invention Center, Redmond, United States
Thierry Brassac, Head of Science/Culture Dpt, Montpellier University / Service Culture Scientifique, Montpellier, France

RESPONSIBLE PUBLIC ENGAGEMENT

14:30 – 15:45

GALLERY B+C
CONVENTION CENTRE

REVERSE
STRATEGY & VISION, SCIENCE ♥ SOCIETY

#galIBC

CONVENOR

Andrea Troncoso, Project Manager, Ecsite, Brussels, Belgium, @AndreaEcsite

In policy and funding frameworks such as Responsible Research and Innovation (RRI), public and stakeholder engagement with science is no longer on add-on process. Responsibilities of science communication institutions grow as well – often presenting us with new opportunities but sometimes leaving us confused. RRI is changing science and innovation in Europe. Does it also require a new way of doing science engagement? We will introduce these developments and the RRI concept, before presenting the Sparks project, which involves applying RRI to public engagement activities. Finally, together with the audience we will inventory experiences and views on RRI and reflect on current changes in science communication practice.

SPEAKERS

Sarah Davies, Lecturer, University of Copenhagen, Copenhagen, Denmark
Shaun O'Boyle, Research Coordinator, Science Gallery, Trinity College, Dublin, Ireland, @shaunoboyale
Wiktór Gajewski, Science and Art Events Director, Copernicus Science Centre, Warsaw, Poland

AVOIDING GAME OVER – 1

14:30 – 15:45

GAMELAB
CONVENTION CENTRE

REVERSE

LEARNING, SCIENCE ♥ SOCIETY

#GameLab

CONVENORS

Melissa Richard, ICT Explainer, Universcience, Paris, France

Malvina Artheau, Executive manager – Development & European Partnerships, Science Animation Midi-Pyrénées, Toulouse, France, @MalvinaArtheau

Why make a game in a science communication situation? How? For whom? What does a game do that nothing else could do better? What is the right balance between fun and content? How much does a serious game cost? And for what result? During this session speakers will present three very different projects: a participatory science application to produce data on MRI brain images, a complementary set of 3 digital and analog games on nanotechnologies and a narrative participatory board game based on a 17th century patrimonial British house. After a short presentation of each game, we will be divided in small groups to try them out and collectively identify traps to avoid, paths to follow and skills to develop while designing games. Let's reach the next level together!

SPEAKERS

Antoine Blanchard, Digital Program Officer, University of Bordeaux, Bordeaux, France, @enroweb

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

HOW TO CONNECT WITH THE OUT-DOORS INDOORS?

14:30 – 15:45

HALL 1A
CONVENTION CENTRE

PANEL

LEARNING, SCIENCE ♥ SOCIETY

#hall1A

CONVENOR

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

The fascinating and diverse beauty of nature itself is the most powerful exhibit we can show our visitors. Therefore, it should be our main focus to enable our visitors to connect with nature outside. This connection is essential to raise awareness of conservation and sustainability. But how can we meet this goal while staying inside our buildings? We will be focussing on: (1) What indoor settings are necessary and useful in order to allow our visitors to connect with nature? How can we avoid an overly artificial educational atmosphere? (2) How can cooperation between different organisations, such as museums, science centres, NGOs, universities, nature experts etc. allow, intensify and underline this connection between visitors and nature? Let's share practical examples and ideas for the future!

SPEAKERS

Gerald Kastberger, Senior lecturer, Karl-Franzens University of Graz, Graz, Austria

Franziska Hütter, Head of Education, Natural History Museum Graz, Universalmuseum Joanneum GmbH, Graz, Austria

Talila Yehiel, Museum Expert, Carasso Science Park, Tel Aviv, Israel, @thewandering.net

Hedinn Gunhildrud, Educator/Developer, Nordnorsk Vitensenter, Tromsø, Norway, @hedinn

FORMATIVE EVALUATION – A COLLABORATION WITH VISITORS

14:30 – 15:45

HALL 1B
CONVENTION CENTRE

REVERSE

EXHIBIT DEVELOPMENT,
RESEARCH, THEORY &
EVALUATION

#hall1B
FOUNDATIONS

CONVENOR

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

In this session we will be discussing refreshing approaches to testing exhibition ideas with audience – collaborations between you and your visitors. To make sure designs will be effective for your target audience, why not include end-users in the design process through formative evaluation? Despite its importance, formative evaluation is an easily omitted part of the design process. Time, money and existing working methods can be limiting factors. Sometimes the needs of visitors are simply overlooked in the development team's excitement for a specific topic or a design solution. Testing methods can be more effortless than you may think: spending only a few hours with a couple of small focus groups can significantly improve designs, without using a single nail. Join to discover and discuss easy-to-incorporate formative testing methods.

SPEAKERS

Olga Coolen, Head of Museum, Philips museum, Eindhoven, The Netherlands

Annette Lein, Head of Online Media, Deutsches Museum, Munich, Germany

Svein Anders Dahl, Managing Director, VilVite, Bergen Vitensenter AS, Bergen, Norway, @sanddahl

PROFESSIONAL DEVELOPMENT THROUGH TWITTER

14:30 – 15:45

HALL 2
CONVENTION CENTRE

REVERSE

LEARNING

#hall2

EDGY

CONVENOR

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

Twitter is not just for reaching out to your visitors or supporters – it has also become an indispensable tool for museum and science centre professionals of all levels to cooperate across institutions and share resources, experiences, information, and job opportunities. In this reverse session, active social media users will share stories about their use of Twitter: what has proven successful – and what hasn't. Attendees will learn about hashtags, mentions, replies, lists, and more and get tips on how to create a profile that works for them. We'll explore how to use Twitter to network with other colleagues, connect with new contacts, participate in social media events, cooperate with people around the world and engage in real-time conversations. Everyone has a different experience with Twitter – let's all learn from each other!

SPEAKERS

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

Marion Sabourdy, Science Writer – Echosciences Grenoble editor, La Casemate, Grenoble, France

Joana Lobo Antunes, Director, Centro Ciência Viva de Sintra, Sintra, Portugal, @JoanaLoA

Marjelle van Hoorn, Association Manager, VSC Association of Science Centers and Science Museums, Amsterdam, The Netherlands

COOPERATION IN SPACE: THE ISS

14:30 – 15:45

HALL 3
CONVENTION CENTRE

PANEL

SCIENCE ♥ SOCIETY

#hall3

CONVENOR

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

International Cooperation is a key for space: from the study of the Universe to the first permanently inhabited, international outpost in Earth orbit – the International Space Station (ISS). In this session, experts from the European Space Agency, the industry, the scientific community and representatives of science centres and museums will share content and expertise on the theme of the ISS, the world's largest international scientific venture ever. Science centres and museums have a role to play in engaging the public on these important issues. They have skills and expertise to use space images and data to build exhibitions, events and educational tools to communicate with different target audiences.

SPEAKERS

Jean-François Clervoy, Astronaut, European Space Agency – ESA, Paris, France

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

Marc Moutin, Exhibitions, Shows and Development Director, Cité de l'espace, Toulouse, France

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

AN INTRODUCTION TO APPLIED DESIGN THINKING

14:30 – 15:45

HALL 4
CONVENTION CENTRE

PANEL

RESEARCH, THEORY & EVALUATION,
SCIENCE ♥ SOCIETY

#hall4

CONVENORS

Ruth Mateus-Berr, Professor, Chairwoman, University of Applied Arts Vienna, Vienna, Austria (also speaker)

Walter Lunzer, Fashiondesigner, www.walterlunzer.com, Austria (also speaker)

Interdisciplinarity encourages “multilogical” thinking – the ability to think accurately and fair-mindedly within opposing points of view and contradictory frames of reference. Join this workshop run by the Applied Design Thinking Lab (ADTL) Vienna from the University of Applied Arts Vienna. ADTL approaches inter/transdisciplinary topics with teams from different departments and institutions, bridging arts & sciences and focusing on interdisciplinarity: “almost all significant growth in knowledge production occurs at the borderlines between established fields” (Klein). The session will introduce student projects, followed by a workshop where participants will gain insight into interdisciplinary educational settings. Participants will work in pairs, interview each other and cooperate, debate, iterate, test and prototype.

SPEAKER

Kludia Kozma, Student, University of Applied Arts, Vienna, Austria

WHAT'S NEW IN TOURING EXHIBITIONS – 2

14:30 – 15:45

MAIN AUDITORIUM
CONVENTION CENTRE

TRAVELLING EXHIBITIONS

EXHIBIT DEVELOPMENT

#audi

CONVENOR

Audrey O'Connell, Museum Consulting, Audrey O'Connell + Associates, London, United Kingdom

A preview of current and upcoming touring science exhibitions across Europe. This fast-paced session will give you a glimpse of the large range of exhibitions on offer, leaving it up to you to make contacts and find out more. You will also be hearing about the relaunch of EXTRA, the Ecsite science touring exhibitions marketplace.

SPEAKERS

Man versus Animal Exhibition – Kateřina Chábová, Touring Exhibition Manager, Techmania Science Center, Pilsen, Czech Republic

Dinosaurs Xtreme – Oscar Frachtenberg, Director, Grupo Cultural – Argentina, Buenos Aires, Argentina

Giants of Patagonia – Fabio Frachtenberg, Director, Grupocultural, Buenos Aires, Argentina

Hidden Costs – Uwe Moldrzyk, Head of Exhibitions, Museum für Naturkunde Berlin, Berlin, Germany

Mathematical Beauty – Monika Paczkowska, Mathematics Educator, Hewelianum Centre, Gdańsk, Poland

The Robots – an exhibition on the relation of Men and Machines – Tina Siehoff, Exhibition Designer, DASA, Dortmund, Germany, @DASA

Art of Nature – Amina Darwish, Sales Manager, The Natural History Museum, London, United Kingdom

Insight Astronomy Photographer of the Year – Gail Symington, Head of Exhibitions & Design, Royal Museums Greenwich, London, United Kingdom

Math alive – Lisa R Tucci, Exhibitions Manager, The Exhibitions Agency, Rome, Italy, @SuperCampItaly

SENS(e)ATIONS – Jeanette Schuppe-Krahn, Educational Toy Designer, EuroScience GmbH, Kappeln, Germany

Musical Tables – The Casino of Sounds – Michael Bradke, Director and Driver, Mobiles Musik Museum, Dusseldorf, Germany

Golden Age – Rifat Bakan, CEO, Bursa Science and Technology Center, Bursa, Turkey

Relaunching the EXTRA marketplace – Olivier Retout, Director, Lascaux III project, Conseil Général de Dordogne, Périgueux, France

Bear, myths and realities – Ilaria Valoti, Travelling Exhibitions Coordinator, Museum de Toulouse, Toulouse, France

The Astronauts – Ines Prieto, Exhibits Design, Cité de l'espace, Toulouse, France

COPRODUCING EXHIBITIONS BETWEEN SCIENCE CENTRES

14:30 – 15:45

HALL 5
CONVENTION CENTRE

WORKSHOP

EXHIBIT DEVELOPMENT,
STRATEGY & VISION

#hall5

CONVENOR

Giovanni Crupi, Director of Development, Museo Nazionale della Scienza e della Tecnologia “Leonardo da Vinci”, Milan, Italy

Science centres are more and more engaging into co-production ventures together. There are many reasons for cooperating in exhibition development: Economical, as initial investment is shared between partners; Cultural, as a coproduced exhibition is more likely to speak to diverse audiences; Expertise-related, with complementarities of professional competences and contents. The session will examine several cooperative exhibition development experiences. We will explore the highs and lows of bringing together different working cultures, the issue of working remotely, and what collaborations mean in terms of schedule, budget, contracting, production, touring ...

SPEAKERS

François Vescia, International Project Manager, Universcience, Paris, France
Heidi Rosenström, Exhibition Producer, Heureka – The Finnish Science Centre, Vantaa, Finland
Peter Skogh, Museum Director, Tekniska museet (National Museum of Science & Technology), Stockholm, Sweden

A MAKERSPACE FOR PRE-SCHOOL CHILDREN

14:30 – 15:45

MAKERSPACE
CONVENTION CENTRE

WORKSHOP

LEARNING

#MakerSpace

 FOUNDATIONS

CONVENOR

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

What does “inventing something” mean for a pre-school child? With every object they are holding in their hands for the very first time, young children invent something for themselves. How can we support this process and make them enthusiastic inventors and proficient MakerSpace users? The approach taken by this session's speakers is to enable playful progress without any boundaries, alone or in a group. At FRida & freD, the MakerSpace aimed at young children doesn't look like a MakerSpace at all. Workshops there build on the same problems and tasks as well as with the same materials and techniques as the surrounding exhibitions.

SPEAKERS

Johannes Ramsi, Exhibitions, FRida & freD – The Graz Children's Museum, Graz, Austria
Ed Sobey, Outreach Instructor, Teknikens Hus – Northwest Invention Center, Redmond, United States

RETHINKING SCIENCE CENTRES- UNIVERSITIES PARTNERSHIPS

16:30 – 17:45

GALLERY B+C
CONVENTION CENTRE

WORKSHOP

STRATEGY & VISION,
SCIENCE ♥ SOCIETY

#gallBC

 EDGY

CONVENORS

Monique Mourits, Director, Universiteitsmuseum, Utrecht, The Netherlands, @moniquemourits
Bart Van de Laar, Head of department, Science LinX – University of Groningen, Groningen, The Netherlands

A growing number of science centres aim to invite the public to be part of science itself. This requires science centres to rethink their relations with universities – real love or marriage of convenience? Academia can be a notoriously reluctant partner to work with. An often puzzling internal organisation combined with a strong competitive research culture may lead to frustration in collaborations with non-academic others. This session will be facilitated by a number of university-science centre “couples”. After a general exploration of the many aims that may shape such structural collaborations and the Responsible Research and Innovation (RRI) keys involved, participants will be invited to join a smaller group around one of these “couples” and explore dilemmas and good practices. Speakers and participants will exchange models for successful cooperation, drawing on cases from EU-projects like IRRESISTIBLE, NUCLEUS, INMEDIATS, PLACES and others. Discussed issues will range from outreach and engagement all the way to consequence for public governance and the socio-economic impact of research.

SPEAKERS

Lucy Avraamidou, Associate Professor of Science Education, University of Nicosia, Nicosia, Cyprus, @lucyavraamidou
Antti Laherto, Postdoctoral Researcher, University of Helsinki, Helsinki, Finland
Phil Winfield, CEO, At Bristol, Bristol, United Kingdom
Ian Brunswick, Programme Manager, Science Gallery, Trinity College, Dublin, Ireland, @ianbrunswick
Jan Apotheker, lecturer, Science LinX – University of Groningen, Groningen, The Netherlands
Annette Klinkert, Lecturer, city2science – Science Communication and Strategy Consulting, Bielefeld, Germany, @city2science
Malvina Artheau, Executive Manager – Development & European Partnerships, Science Animation Midi-Pyrénées, Toulouse, France, @MalvinaArtheau
Mikko Myllykoski, Experience Director, Heureka – The Finnish Science Centre, Vantaa, Finland
Herbert Muender, General Manager, Universum Managementges GmbH, Bremen, Germany
Paul Hix, European Projects, Deutsches Museum, Munich, Germany
Laurent Chicoineau, Director, La Casemate, Grenoble, France
Michael van der Meer, Director, Science Centre Delft, Delft, The Netherlands
Thierry Brassac, Head of Science/Culture Dpt, Montpellier University / Service Culture Scientifique, Montpellier, France

GAMELAB: OPEN PLAY

16:30 – 17:45

GAMELAB
CONVENTION CENTRE

OTHER

#GameLab

LEARNING, SCIENCE ♥ SOCIETY

CONVENORS

Isabelle Chabanon-Pouget, ICT Explainer, Universcience, Paris, France, @isa_carnum
Malvina Artheau, Executive Manager – Development & European Partnerships, Science Animation Midi-Pyrénées, Toulouse, France, @MalvinaArtheau

The GameLab is an informal drop-in space entirely dedicated to gaming. Want to play some yet-to-come games designed by science centres? Ready to participate in an on-going experiment of collectively designing a game, from idea to prototype to testing? Need to settle for a while in a cozy space? Visit the GameLab and its dedicated team. Ask questions, just sit and play by yourself or with others or even bring a game you like and share it.

SPEAKERS

Antoine Blanchard, Digital Program Officer, University of Bordeaux, Bordeaux, France, @enroweb
Matthieu Vernet, Project Manager, Universcience, Paris, France, @vernetmatthieu
Melissa Richard, ICT Explainer, Universcience, Paris, France
Daniela De Angeli, Research engineer, University of Bath, National Trust, Bath, United Kingdom
Kate Kneale, Director, HKD, Margate, United Kingdom, @KnealeK
John Sear, Creative Director, wallFour Ltd, Birmingham, United Kingdom, @discostu_uk
Daniel Rosqvist, Tom Tits Experiment, Sodertalje, Sweden

GENDER INCLUSION: WHAT NEXT?

16:30 – 17:45

HALL 1A
CONVENTION CENTRE

REVERSE

#hall1A

EQUITY & INCLUSION, STRATEGY & VISION

CONVENOR

Justin Dillon, Professor of science and environmental education & Head of School, University of Bristol, Graduate School of Education, Bristol, United Kingdom, @JustinDillonUoB

What can science centres and museums do regarding gender equity apart from events and programmes? There is more than one answer to this question. In this session speakers from different science centres and museums explain how they answered this question in their institution, from designing gender neutral exhibits to a search for a societal solution together with other partners, stakeholders and policy-makers. After their short presentations there will be time to discuss, brainstorm and identify the solutions that might suit your organisation.

SPEAKERS

Dea Brokman, Deputy director, The Bloomfield Science Museum Jerusalem, Jerusalem, Israel
Meie van Laar, Senior Project Manager Education, Science Learning Center, Science Center NEMO, Amsterdam, The Netherlands
Vesna Pajić, Project Manager, Ustanova Hisa Eksperimentov – The House of Experiments, Ljubljana, Slovenia

VISITOR INVOLVEMENT IN REAL SCIENTIFIC RESEARCH

16:30 – 17:45

HALL 1B
CONVENTION CENTRE

PANEL

#hallB

STRATEGY & VISION, SCIENCE ♥ SOCIETY

CONVENOR

Andrea Bandelli, CEO, Science Gallery International, Dublin, Ireland, @maphutha

Some of our science museums have opened their floors to real scientific research and encourage visitors to advance science by participating as experimental subjects. At the Science Gallery, visitors smelt worn t-shirts and rated smell attractiveness, and at Cap Sciences, visitors are experimenting with new technologies. This session highlights how research programmes are invaluable to both museums and the scientific community, and argues that every science museum should have such a win-win programme in place. The first half presents innovative scientist-visitor cooperations, and offers a practical guide on how to open up our museums to live research. The second half will be audience-generated: share your own 3-5 minute experiences (on USB stick, a cappella or on flip-over) on the challenges of conducting real research in a public setting.

SPEAKERS

Marta Biarnes, Professional Development Associate, National Living Laboratory, Museum of Science, Boston, United States
Didier Laval, Culture Instable, Bordeaux, France
Jane Chadwick, Education and Learning Manager, Science Gallery, Trinity College, Dublin, Ireland

BOUND TO PLAGIARISE NATURE?

16:30 – 17:45

HALL 2
CONVENTION CENTRE

WORKSHOP

#hall2

STRATEGY & VISION

CONVENOR

Michele Lanzinger, CEO, MUSE – Museo delle Scienze, Trento, Italy (also speaker)

Are natural history exhibitions bound to offer a bleak copy of experiencing real nature's beauty, wonders and diversity? Are our efforts to stimulate an authentic interest for nature from the inside of a museum building vain? How can we stimulate curiosity for nature and raise awareness about the correlated issues of biodiversity loss or alien species invasion? In this session participants will share opinions and experiences on this topic. A keynote introduction to frame the topic and inspire debate on how much cultural values influence the interpretation of indoor-outdoor experiences, will be followed by a summary of the outcomes of the pre-conference workshop run by the Ecsite Nature Group. Speakers will facilitate a group discussion, before a collective wrap-up.

SPEAKERS

Uwe Moldrzyk, Head of Exhibitions, Museum für Naturkunde Berlin, Berlin, Germany
Henrik Sell, Deputy Director, Natural History Museum, Aarhus Denmark
Michele Lanzinger, CEO, MUSE – Museo delle Scienze, Trento, Italy
Ilse van Zeeland, Senior Content Developer Exhibitions, Naturalis Biodiversity Center, Leiden, The Netherlands, @xajieda

WELCOME TO THE SCIENCE FASHION BOUTIQUE

16:30 – 17:45

HALL 3
CONVENTION CENTRE

OTHER

#hall3

MARKETING & COMMUNICATION,
SCIENCE ♥ SOCIETY



EDGY

CONVENOR

Kathrin Unterleitner, Project Manager, Science Center Netzwerk, Vienna, Austria

Imagine carrying a science exhibit on you. Not like a businesscard – we mean literally wearing it on your body. As we all love to style, fashion is an ideal vehicle for science issues. In our Science Fashion Boutique, students will present their ideas of fashion inspired by science. Try out, tinker, discover the science behind each of the pieces, and develop them further with the students. You will get inspiration for new exhibits and marketing tools. And who knows – you might also get some “scientific” styling for the Gala Ball.

SPEAKERS

Melanie Ballieul, Student, University of Applied Arts, Vienna, Austria

Mie Kleinschmidt, Student, Die Angewandte, Vienna, Austria

Martina Zodi, Student, University of applied Arts, Vienna, Austria

Klaudia Kozma, student, Uneversity of Applied Arts Vienna, Austria

Helene Heiss, Student, University of Applied Arts, Vienna, Austria

Walter Lunzer, Fashiondesigner, walterlunzer.com, (A)

Monika Haas, Fashiondesigner, University of Applied Arts, Vienna, Austria

USING SMART OBJECTS IN EXHIBITIONS

16:30 – 17:45

HALL 4
CONVENTION CENTRE

WORKSHOP

#hall4

EXHIBIT DEVELOPMENT,
RESEARCH, THEORY & EVALUATION

CONVENOR

Friso Visser, Education and Exhibitions / Deputy Director, Museon, The Hague, The Netherlands, @frisovisser (also speaker)

This session is based on case studies where smart objects were introduced in exhibitions, building a link between real objects and the digital world. These were developed as part of the meSch project, bringing together universities, developers and (science) museums to develop smart objects and tools for implementing these in exhibitions, enhancing the visitor experience. During the workshop, participants will explore scenarios for the use of smart objects in a museum/science centre environment. The session will start with a short introduction on the project and the meSch toolkit, editing facilities and a short demonstration of smart devices. After a brief discussion of the evaluation results, participants will work on some of their own solutions/ideas for implementing smart objects and share them with the group at large

SPEAKER

Dick van Dijk, Creative Director, Waag Society, Amsterdam, The Netherlands

CO-CREATION: WHAT VALUE?

16:30 – 17:45

HALL 5
CONVENTION CENTRE

PANEL

#hall5

LEARNING, EXHIBIT
DEVELOPMENT

CONVENOR

Rachel Haydon, Senior Learning Manager, Zoological Society of London, London, United Kingdom, @rachelhaydon

There are various motivations to involve audiences in the co-curation and co-creation of exhibitions and activities, such as encouraging ownership, harnessing different perspectives, establishing relevance and fostering longer term relationships. Though this process of user involvement is increasingly becoming an expected practice, does user engagement really establish us as being more significant to our communities and citizens? Or do we dilute our own basis for existence if we choose to blindly follow ‘the needs of our users’? We will explore the role of audience engagement in the development of activities in a range of science institutions, and the effect this process has on staff working practice and visitor experiences. We will encourage discussion on the value, real or perceived, of audience contribution.

SPEAKERS

Stephanie Pace, Discovery & Learning Officer, Zoological Society of London, London, United Kingdom

Pernille Hjort, Head of Public Engagement, snm.ku.dk, Copenhagen, Denmark

Maria Xanthoudaki, Director of Education and of International Relations, Museo Nazionale della Scienza e della Tecnologia “Leonardo da Vinci”, Milan, Italy

THEMATIC OPEN STAGE : CHILDREN

16:30 – 17:45

MAIN AUDITORIUM
CONVENTION CENTRE

OTHER

#audi

SCIENCE ♥ SOCIETY

CONVENORS

Heather King, Research Associate, King’s College London, London, United Kingdom

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

Do you work with or for children, study them, have a few of your own or secretly still read children’s books? This open stage could be your chance to share experiences, epiphanies, projects, opinions (etc) with other participants – as long as they are related to children. This session will be run jointly by Ecsite and Hands On!, the International Association of Children in Museums. Speakers will be sharing innovative, future-looking ideas, tips or jewels that will inspire us all in our professional lives.

Check the online programme to discover our great line up of speakers.

DISSECT, HACK AND RE-IMAGINE ELECTRONIC TOYS – 1

16:30 – 17:45

MAKERSPACE
CONVENTION CENTRE

WORKSHOP
LEARNING

#MakerSpace

CONVENOR

Ryan Jenkins, Tinkering Studio Education Developer,
Exploratorium, San Francisco, United States

Our series of hands-on activities will be dedicated to “twisted toys”: electronic toys and the wonderful possibilities that they hold for making and tinkering. We will discover together what makes these toys move, make noise, and light up by taking them apart using tools such as screwdrivers, scissors, and saws to explore the inner circuitry and mechanisms. As we engage in the process of dissection, we'll capture observations, questions and discussions that come up during this workshop. After we've collected the parts and recorded the purposes on Thursday, we'll spend the sessions on Friday and Saturday remixing, hacking, and then repurposing these toys.

SPEAKERS

Sebastian Martin, Scientific Content Developer,
Exploratorium, San Francisco, United States,
@smartinseb

Lydia Beall, Tech Studio Program Manager, Museum of
Science, Boston, United States

Sabina Barucci, Project Managet at MUSE FabLab,
MUSE – Museo delle Scienze, Trento, Italy,
@sabinacuccibar

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

GALA BALL

19:30 – 00:00

STEFANIENSAAL
CONGRESS

SOCIAL EVENT

A traditional Austrian Ball – with an Ecsite twist! Expect swinging bands, a classic orchestra and sparkling wine – but also science fashion and the famous Ecsite Jazz Band. More on page 153.

TOWARDS RESPON- SIBLE RESEARCH AND INNOVATION: PRACTI- CAL EXPERIENCES

09:00 – 10:15

GALLERY B+C
CONVENTION CENTRE

REVERSE
SCIENCE ♥ SOCIETY

#gallBC
EDGY

CONVENOR

Paul Hix, European Projects, Deutsches Museum,
Munich, Germany

An effective dialogue between science and the rest of society is vital to find the right answers to the challenges faced by today's European society. Science centres and museums, as mediators and places of neutral exchange, are ideally suited to facilitate and enable such a manifold exchange of ideas and values, necessary to move towards developing and implementing a practice of what is today called “Responsible Research and Innovation” (RRI). A number of EU-funded projects are currently developing and implementing various approaches towards this goal. Representatives of four of these projects will present their approaches and share their experiences. Participants will then have the opportunity to join speakers in a discussion, contributing own ideas and approaches to the spectrum of RRI.

SPEAKERS

Andrea Troncoso, Project Manager, Ecsite, Brussels,
Belgium, @AndreaEcsite

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

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

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

GAMELAB: OPEN PLAY

09:00 – 10:15

GAMELAB
CONVENTION CENTRE

OTHER
LEARNING, SCIENCE ♥ SOCIETY

#GameLab

CONVENOR

Mathieu Vernet, Project Manager, Universcience, Paris,
France, @vernetmatthieu

The GameLab is an informal drop-in space entirely dedicated to gaming. Want to play some yet-to-come games designed by science centres? Ready to participate in an on-going experiment of collectively designing a game, from idea to prototype to testing? Need to settle for a while in a cozy space? Have a specific question about game design? Looking for new ideas to engage your visitors? Visit the GameLab and its dedicated team. Ask questions, just sit and play by yourself or with others or even bring a game you like and share it.

SPEAKERS

Isabelle Chabanon-Pouget, ICT Explainer,
Universcience, Paris, France, @isa_carnum

Melissa Richard, ICT Explainer, Universcience, Paris,
France

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

John Sear, Creative Director, wallFour Ltd, Birmingham,
United Kingdom, @discostu_uk

Malvina Artheau, Executive manager – Development
& European Partnerships, Science Animation Midi-
Pyrénées, Toulouse, France, @MalvinaArtheau

AWAKENING PROFESSIONAL VOCATIONS

09:00 – 10:15

HALL 1A
CONVENTION CENTRE

PANEL

LEARNING, STRATEGY & VISION

#hall1A

CONVENOR

Nicolas Didier, President, Luxembourg Science Center, Bertrange, Luxembourg

Encouraging youngsters to pursue STEM (Science, Technology, Engineering and Mathematics) related studies and careers is a challenge faced by most European countries. If science centres and museums are good at exciting STEM curiosity among their young visitors, how good are they at igniting professional choices? Can they really overcome science aversion often developed by some through school failures? Looking forward, could they become efficient orientation tools for future thrilling careers? Panelists from the US and Europe will review current studies and experiences, and ask how current results could be further improved. We expect constructive contributions and fresh ideas from the audience!

SPEAKERS

Joanna Kiersztejn, ImagineLab Coordinator, Poznański Park Naukowo-Technologiczny Fundacji UAM, Poznań, Poland

John Falk, Professor/Principal, Oregon State University/John H Falk Research, Corvallis, United States

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

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

WORKING TOGETHER FOR QUALITY CITIZEN SCIENCE

09:00 – 10:15

HALL 1B
CONVENTION CENTRE

REVERSE

STRATEGY & VISION, SCIENCE ♥ SOCIETY

#hall1B

CONVENOR

Claudia Goebel, Research Staff, Science in Society Division, Museum für Naturkunde Berlin, Berlin, Germany

This session will explore how the Ecsite community can do more quality Citizen Science (CS) through co-operation. Citizen Science has many homes and successful projects require cooperation. Museums and science centres need to become connected to and work with CS experts from research and formal education institutions, open innovation communities, CS platforms and science communication. Each of these sectors has a specific understanding of what quality means for CS, which is a major challenge for such cooperations. We will share experiences on models of cooperation and discuss quality criteria to explore the benefits and challenges of CS for science centres and museums.

SPEAKERS

Pia Viviani, Deputy Director, Foundation Science et Cité, Bern, Switzerland, @scienceetcite

Fermin Serrano Sanz, Executive Director, Fundación Ibercivis, Zaragoza, Spain

Amparo Leyman Pino, Assistant Director, Family Engagement Institute at Foothill College, San Francisco, United States, @ampisquelinda

Katrin Vohland, Director Public Engagement with Science, Museum für Naturkunde Berlin, Berlin, Germany, @vohlandii

PRIVACY AND OWNERSHIP IN THE DIGITAL ERA

09:00 – 10:15

HALL 2
CONVENTION CENTRE

PANEL

EXHIBIT DEVELOPMENT, RESEARCH, THEORY & EVALUATION

#hall2

EDGY

CONVENOR

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

The amount of data we generate continues to rise exponentially. The systems we've devised to collect, store and share that data are getting ever more complex. In this session we investigate how we can use big data. We'll explore exhibitions that use data sets like objects; the challenges of converting physical exhibitions into purely digital touring blueprints; and how facial recognition installations could transform audience research. All these new and exciting activities need to be considered from a legal point of view. Join us to discuss the legal issues we've encountered and how we've overcome them to make ground breaking exhibitions, critically assess exhibits with greater accuracy and share our content with a wider audience than ever before.

SPEAKERS

Ingvor Tjostheim, Senior Researcher, Norwegian Computing Center, Oslo, Norway

Pippa Hough, Content Developer, Science Museum Group, London, United Kingdom

Naomi Korn, Copyright and Licensing Consultant, Copyright Consultancy Ltd, United Kingdom

Sheldon Paquin, Exhibitions Content Developer, Science Museum Group, London, United Kingdom

ORGANISING COMPETITIONS: DO'S AND DON'TS

09:00 – 10:15

HALL 3
CONVENTION CENTRE

OTHER

MARKETING & COMMUNICATION, SCIENCE ♥ SOCIETY

#hall3

FOUNDATIONS

CONVENOR

Anna Schaefer, Head of Content and Research, Archimedes Exhibitions, Berlin, Germany, @aks1501

Join our competitive workshop (an unusual format) where five speakers will first present the science competition they are each running, before inviting the audience to rate their initiatives in terms of benefits for a) science ♥ society b) their own museum or science centre. Looking for a winner will allow to explore common ground and best practices and raise crucial questions regarding science centres and museums' involvement in competitions: – What can we gain as organisations? – Is this a dependable strategy for us? – Are ICT / new technologies a must in science competition nowadays?

SPEAKERS

Gaetan Homerin, Partnerships Manager, PASS – Parc d'Aventures Scientifiques – SCRLFS, Frameries, Belgium

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

Diana Escobar Vicent, Science Dissemination Program Responsible, Barcelona Ciència – Institut de Cultura de Barcelona, Barcelona, Spain

Gérard Cobut, Head of Exhibition Development, Royal Belgian Institute of Natural Sciences, Brussels, Belgium

DEALING WITH BROKEN EXHIBITS AND WEAROUT

09:00 – 10:15

HALL 4
CONVENTION CENTRE

PANEL

EXHIBIT DEVELOPMENT

#hall4



FOUNDATIONS

CONVENOR

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

As a science centre or museum we all rely on functioning exhibits. This is a key aspect for visitor satisfaction and the organisation's reputation. Only a few broken or malfunctioning exhibits may already leave the impression of the whole exhibition being out of order. We will present different approaches of professionally managing the inevitable. What metrics on availability or maintenance and repair times and intervals are meaningful? Is there a threshold below which the visitor satisfaction is lastingly affected and can we lower this threshold by the way we deal with broken exhibits on the floor? Bonus: bring examples and help us create a unique collection of 'out of order' signs from all over the world!

SPEAKERS

Phil Winfield, CEO, At Bristol, Bristol, United Kingdom
Yvonne Simon, Head of Guest Services, Swiss Science Center Technorama, Winterthur, Switzerland
Tobias Wolff, Exhibition Manager, Universum Managementges GmbH, Bremen, Germany
Luka Vidic, Research Editor, Ustanova Hisa eksperimentov – The House of Experiments, Ljubljana, Slovenia
Albrecht Beutelspacher, Director, Mathematikum, Gießen, Germany

INTERACTIVE MUSEUM COLLECTIONS: HOW?

09:00 – 10:15

HALL 5
CONVENTION CENTRE

WORKSHOP

COLLECTIONS,
EXHIBIT DEVELOPMENT

#hall5



FOUNDATIONS

CONVENOR

Elles van Vegchel, Exhibition Developer, Science Center NEMO, Amsterdam, The Netherlands

There is a growing need to bring museum collections closer to the visitor for a more intense experience. Some science centres want to include (more) museum collections in their presentations to make the visit experience attractive to a wider audience. On the other hand, museums want to include interactives to their collection-based exhibitions to attract other types of visitors such as families. There are many ways to make your collection interactive: replicas, hands-on exhibits, games, etc. We will investigate and explore several ways to make cultural heritage interactive. What's the best way to do it without putting the collection at risk? The workshop will start with three short introductions, before participants are divided into smaller groups to brainstorm ideas. We will then discuss do's and don'ts and share ideas.

SPEAKERS

Lauren Souter, Senior Audience Researcher, Science Museum Group, London, United Kingdom
Raphael Chanay, Interpretation Developer, The Natural History Museum, London, United Kingdom, @rafchanay
Annelore Scholten, Head public engagement, education & exhibition, Museum Boerhaave, Leiden, The Netherlands

PERSONAL VISIONS OF SCIENCE CENTRES IN 2030

09:00 – 10:15

MAIN AUDITORIUM
CONVENTION CENTRE

REVERSE

STRATEGY & VISION

#audi

CONVENOR

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

Raymond Kurzweil, famous author, inventor, computer scientist and futurist predicts that by the year 2030 implants will enhance human intelligence; nanobots will eradicate diseases; computers will learn things on their own; and we will communicate making 3D hologramme phone calls. How do you imagine science centres then? Will they still exist? What will be their focus? Speakers will be asked to answer these questions and participants will be invited to share their own ideas – will a common vision of science centres in 2030 emerge?

SPEAKERS

Asger Høeg, Director, Asger Hoeg Consulting, Bagsværd, Denmark
Tapio Koivu, CEO, Heureka – The Finnish Science Centre, Vantaa, Finland
Miruna Amza, Director, Scientifica Association, Bucharest, Romania, @MirunaAmza
Andres Juur, Director, AHHA Science Centre Foundation, Tartu, Estonia
Ernesto Paramo, Director, Parque de las Ciencias, Granada, Spain
Lynn Scarff, Director, Science Gallery, Trinity College, Dublin, Ireland
Barbara Streicher, Executive Manager, ScienceCenter-Network, Vienna, Austria, @b_streicher

PROMOTING THE CULTURE OF REPAIR

09:00 – 10:15

MAKERSPACE
CONVENTION CENTRE

PANEL

LEARNING,
SCIENCE ♥ SOCIETY

#MakerSpace

CONVENOR

Jochen Hunger, Scenographer, jh Museum & Exhibition Design, Erlangen, Germany

In recent years the Maker movement introduced many cultural innovations in museums and science centres. Among these the so-called "culture of repair" which has been of great benefit in terms of education and promoting the understanding of "how" an object or technology "works". It reminds people, and especially young people living in our throw-away society, of the importance of critical approach to consumption respecting the environment and its limits. This panel will introduce different cases of science centres and museums developing activities based on the "culture of repair" in their MakerSpace, exhibitions or programmes.

SPEAKERS

Jutta Schlögl, Project Manager Tinkering & Hands-on Space, Deutsches Museum, Munich, Germany
Jean-michel Molenaar, Project manager, La Casemate, Grenoble, France
Luigi Amodio, Director, Fondazione IDIS – Città della Scienza, Naples, Italy
Anna Gunnarsson, Teacher/Developer, NAVET, Kinna, Sweden

KEYNOTE ELIZABETH RASEKOALA

10:30 – 11:30

MAIN AUDITORIUM
CONVENTION CENTRE

KEYNOTE

EQUITY & INCLUSION,
SCIENCE ♥ SOCIETY

#audi



Dr. Elizabeth Rasekoala is the President of African Gong – the Pan-African Network for the Popularisation of Science & Technology, and Science Communication. The vision of African Gong is to realise a scientifically literate African citizenry driven and powered by its ownership of scientific knowledge. African Gong's mission is to embark and sustain African citizens and communities through science communication and the public learning and understanding of science (PLUS). Dr Rasekoala has championed, advocated, researched, presented and written widely on diversity, sociocultural inclusion and race and gender equality issues in science communication and science, technology, engineering and mathematics education and skills development. She has provided extensive advisory and consultancy expertise to governments and multilateral international organisations over the past 15 years, and worked to advance the inclusion of climate change issues in the science communication discourse.

SPEAKER

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

AVOIDING GAME OVER – 2

12:00 – 13:15

GAMELAB
CONVENTION CENTRE

REVERSE

LEARNING,
SCIENCE ♥ SOCIETY

#GameLab

CONVENORS

Melissa Richard, ICT Explainer, Universcience, Paris, France

Malvina Artheau, Executive Manager – Development & European Partnerships, Science Animation Midi-Pyrénées, Toulouse, France, @MalvinaArtheau

Why make a game in a science communication situation? How? For whom? What does a game do that nothing else could do better? What is the right balance between fun and content? How much does a serious game cost? And for what result? Because games are one of the tools that science communicators have at their disposal, these are some of the questions any of us will be confronted with one day or another. To allow anyone to jump in at the almost last minute we will keep this session open to new speakers as long as possible. Have an idea, a prototype you'd like to present and get feedback on? Just come to the GameLab during the conference and tell us about it!!

THE CONFESSION SESSION

12:00 – 13:15

GALLERY B+C
CONVENTION CENTRE

OTHER

EXHIBIT DEVELOPMENT

#gallBC



CONVENOR

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

Are you ready to confess? The Confession Session starts with 18 colleagues who confess mistakes they have made or worries they have. Valuable lessons can be learned from our mistakes, 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 box will be handed 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!

SPEAKERS

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

Dirk Bertels, Creative Partner, Studio Louter, Amsterdam, The Netherlands, @dirkbertels

Antonina Khodzhaeva, Project Manager, Ecsite, Brussels, Belgium

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

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

Marjelle van Hoorn, Association Manager, VSC

Association of Science Centers and Science Museums, Amsterdam, The Netherlands

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

Vesna Pajić, Project Manager, Ustanova Hisa eksperimentov – The House of Experiments, Ljubljana, Slovenia

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

Pieter Aartsen, Designer, Leiden, The Netherlands

Sheena Laursen, Science Projects Manager, Experimentarium, Hellerup, Denmark

Claudia Schleyer, Consultant for Interactive Exhibits, Berlin, Germany

Paula Bäckman, Head of Educational Development, Balthazar Science Center, Skövde, Sweden

Axel E. Hüttinger, Owner & Managing Director, Kurt Hüttinger GmbH & Co. KG, Schwaig bei Nuremberg, Germany

Annelore Scholten, Head Public Engagement, Education & Exhibition, Museum Boerhaave, Leiden, The Netherlands

CO-CREATING EXHIBITIONS WITH VISITORS: WHY AND HOW?

12:00 – 13:15

HALL 1A
CONVENTION CENTRE

REVERSE

EQUITY & INCLUSION,
EXHIBIT DEVELOPMENT

#hall1A

CONVENOR

Carmen Fenollosa, Project Manager, Ecsite, Brussels, Belgium

It is not always easy to co-produce an exhibition with colleagues from another institution, but with visitors...! Isn't it a nightmare (especially with children or teenagers!)? How do you go about it? What are the benefits? What are the pitfalls? This session's speakers have been involved in producing co-created exhibitions, and will tell you fair and square how it is. They will share their advice in case you are thinking of trying this adventure (or is it the future for all of us?). Plenty of time will be dedicated to discussion between participants and speakers, so come and share your experiences, doubts, fears...

SPEAKERS

Claire Garraud, Project Manager, Exploradome, Vitry-sur-Seine, France

Dick van Dijk, Creative Director, Waag Society, Amsterdam, The Netherlands

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

Tobias Wolff, Exhibition Manager, Universum Managementges GmbH, Bremen, Germany

Åsa Lindgren, Project Manager MegaMind, new Science Center 2015, Tekniska museet, Stockholm, Sweden, @AsaGALindgren

AN INTRODUCTION TO CREATIVE LEARNING

12:00 – 13:15

HALL 1B
CONVENTION CENTRE

WORKSHOP

LEARNING, EXPLAINERS &
VISITOR SERVICES

#hall1B

CONVENOR

Ed Sobey, Outreach Instructor, Teknikens Hus – Northwest Invention Center, Redmond, United States, (also speaker)

Traditional teaching and learning revolve around one person explaining content to others. This “sage on the stage” approach fails a large percentage of our audience. Research and experience shows that people learn best and want to continue learning when they have creative freedom to make their own understanding with a “guide on the side”. Although creative learning is acknowledged to be the optimal learning practice, few science centres and even fewer schools follow it. We will be presenting several hands-on activities that illustrate what creative learning is and how to do it. To allow participants to use these activities in their future practice we will also be giving an outline of each activity's underlying structure.

SPEAKERS

Maria Bruck, Head of Division for Programmes & Concepts at the Museum Education Department, Technisches Museum Wien, Vienna, Austria

Kim Ludwig-Petsch, Scientific Assistant, Science Educator, Deutsches Museum, Munich, Germany

Sarah Funk, Project Manager, ScienceCenter-Network, Vienna, Austria

David Brostrom, Director of Education, Teknikens Hus, Lulea, Sweden

MAKING VISITORS CURIOUS

12:00 – 13:15

HALL 2
CONVENTION CENTRE

REVERSE

LEARNING,
EXHIBIT DEVELOPMENT

#hall2



CONVENOR

Gérard Cobut, Head of Exhibition Development, Royal Belgian Institute of Natural Sciences, Brussels, Belgium

The more curious we are about a topic, the easier it is for us to learn new information about that topic. But it turns out that once our curiosity is piqued by topic A, we will also retain information about topic B more easily. This should motivate us to make our exhibitions and exhibits as curiosity-inducing as possible. How? Exhibition makers will give short introductions into what makes them curious and their visitors curious. The session will continue with a collective discussion – what are your experiences?

SPEAKERS

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

Ana Alexandra Valente Rodrigues, Assistant Professor, Fábrica Science Centre, Aveiro, Portugal

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

Orna Cohen, Partner and CCO (Chief Content Officer), Dialogue Social Enterprise GmbH, Hamburg, Germany

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

Anna Schaefer, Head of Content and Research, Archimedes Exhibitions, Berlin, Germany, @aks1501

DESIGN-THINKING FOR SOCIAL IMPACT

12:00 – 13:15

HALL 3
CONVENTION CENTRE

WORKSHOP

EXHIBIT DEVELOPMENT,
STRATEGY & VISION

#hall3



CONVENOR

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

Today's world is filled with complex societal challenges. Science centres and museums have an important role to play, sparking debate and stimulating scientific literacy on these issues. But how? We are convinced that “design-thinking” can be used to find creative and simple solutions to make the world a better place. During this interactive session, we'll give a crash course in creative thinking. We will introduce the concept of “social design-thinking” and provide hands-on tools on how to use this in developing exhibitions for social change. Let's bring designers and science museums together and use design-thinking to tackle big social questions and create exhibitions that empower, inspire and move our visitors to action.

SPEAKERS

Ralph Kruijsen, Creative & Art director, Independent, Amsterdam, The Netherlands

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

NEWSLETTERS: BEYOND THE SPAM FOLDER

12:00 – 13:15

HALL 4
CONVENTION CENTRE

WORKSHOP

MARKETING &
COMMUNICATION

#hall4

CONVENOR

Wiktór Gajewski, Science and Art Events Director,
Copernicus Science Centre, Warsaw, Poland

Are you spending long hours lovingly putting together your organisation's newsletter? Are you anxiously following its journey into your readers' mailboxes, hoping to dodge their spam folders? Are you constantly on the hunt for authors and content providers? Then this session is for you: join your peers and exchange tips to boost reach and quality, whether you're writing for museum visitors, EU-project stakeholders or network members. Speakers will share lessons and the challenges they're currently facing. Participants will then be invited to move between thematic round tables, each focusing on a specific question: How to integrate your newsletter with the rest of your communications strategy and different channels – Promoting your newsletter (and reducing bounce rate) – Strategies to generate contents and find authors.

SPEAKERS

Julie Becker, Communications and Events Manager,
Ecsite, Brussels, Belgium, @museoju
More TBC – check online programme

A TYPOLOGY OF PARTICIPATORY RESEARCH

12:00 – 13:15

HALL 5
CONVENTION CENTRE

PANEL

RESEARCH, THEORY &
EVALUATION, SCIENCE ♥ SOCIETY



FOUNDATIONS

#hall5

CONVENOR

Katrin Vohland, Director Public Engagement with
Science, Museum für Naturkunde Berlin, Berlin,
Germany, @vohlandii

Participatory research has emerged as a powerful paradigm, redefining science, education and even citizenship. Types of participatory research comprise Action Research, Citizen Science, or Transdisciplinary Research – all will be defined in this workshop. We will showcase examples, discuss how these three kinds of cooperation change the relationships between citizens, stakeholders, and scientific institutions and museums, and explore what the prerequisites are to put participatory research successfully into practice. Findings will be synthesized in a small compendium to support practitioners.

SPEAKERS

Christine Marizzi, Manager, Urban Barcode Project, Cold
Spring Harbor Laboratory, New York, United States,
@CMarizzi
Brigitte Gschmeidler, Executive Manager, Open Science
– Lebenswissenschaften im Dialog, Vienna, Austria
Claudia Goebel, Research Staff, Science in Society
Division, Museum für Naturkunde Berlin, Germany
Pernille Hjort, Head of Public engagement, snm.ku.dk,
Copenhagen K., Denmark
Talila Yehiel, Museum Expert, Carasso Science Park, Tel
Aviv, Israel, @thewandering.net

MAKING VALUE FROM EVALUATION: MANIFESTO FOR CHANGE

12:00 – 13:15

MAIN AUDITORIUM
CONVENTION CENTRE

REVERSE

STRATEGY & VISION,
RESEARCH, THEORY & EVALUATION



EDGY

#audi

CONVENOR

Jane Chadwick, Education and Learning Manager,
Science Gallery, Trinity College, Dublin, Ireland

Evaluation is viewed by many as a necessary chore marginal to the work of museums. We spend time and money on evaluation to satisfy funders and for use in advocacy, but do we really learn, and does that learning instigate change? Quite often institutions are unable to capitalise on it and make value of what is discovered. Can evaluation become an engine for innovation, a process to be proud of rather than an uncomfortable “must do”? In this session we will present a number of examples of how we can collaborate effectively to really learn from our practice and serve our visitors, communities and partner institutions better. Small group discussions will then draft a manifesto for change – a call to action for our field to put research, evaluation and learning about our practice at the core of what we do. Will you join us?

SPEAKERS

Bronwyn Bevan, Senior Research Scientist, University
of Washington, Washington, United States
Lynn Scarff, Director, Science Gallery, Trinity College,
Dublin, Ireland
Andrea Bandelli, CEO, Science Gallery International,
Dublin, Ireland, @maphutha

ENGAGING VISITORS WITH TECHNOLOGY IN MAKERSPACES

12:00 – 13:15

MAKERSPACE
CONVENTION CENTRE

WORKSHOP

LEARNING

#MakerSpace

CONVENORS

Sebastian Martin, Scientific Content Developer,
Exploratorium, San Francisco, United States,
@smartinseb
Jon Haavie, Makerspace Educator, Norsk Teknisk
Museum, Oslo, Norway

MakerSpaces can engage visitors with new technology in exciting ways. However, using digital tools in a science centre or museum context can be challenging. Time is limited and the learning curve can be steep. All too often visitor engagement is limited to demonstrations. How can we create meaningful entry-points and allow for playful, open-ended interactions? In this hands-on workshop session, we will explore tools and facilitation approaches that address this challenge. Come play with us!

SPEAKERS

Carl Bärstad, CEO & Co-founder, Quirkbot, Stockholm,
Sweden, @carlbarstad
Hanne Madsen, Lecturer, Developer, Jaermuseet,
Sandnes, Norway
Hedinn Gunhildrud, Educator/Developer, Nordnorsk
Vitensenter, Tromsø, Norway, @hedinn
Erik Torstensson, Managing Director, Gothenburg,
Sweden

GROUP THERAPY FOR GRUMPY EXHIBITION MAKERS

14:30 – 15:45

GALLERY C
CONVENTION CENTRE

OTHER

EXHIBIT DEVELOPMENT,
EXPLAINERS & VISITOR SERVICES

#gallC

CONVENOR

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

As professionals, we all have high expectations when we step into an exhibition space, ready to embark on an immersive visitor journey or to delve deep into intriguing interactive exhibits. Alas! After a few steps our exhibition maker's angry eye catches something that makes us cringe... soon we see only faulty instructions, non-ergonomic interfaces, badly lit labels and dangerously sharp edges. In this group therapy session, each speaker will be delivering a short PechaKucha presentation about their personal "obsession" when visiting exhibitions. Also taking contributions from the floor, we will be putting together a checklist of "deadly sins" or "charm breakers" to be avoided at all cost by exhibition makers around the planet. And who knows? This cathartic exercise might even free us all of our professional grumpiness curse and leave us able to candidly enjoy exhibitions again!

SPEAKERS

Marcin Centkowski, Head of PR and Marketing Dept.,
Innovation Centre Mill of Knowledge, Torun, Poland

Christelle Guiraud, Exhibit Developer, Universcience,
Paris, France

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

Michael Feser, Partner, Archimedes Exhibitions, Berlin,
Germany

Owain Davies, Creative Director, Techniquet, Cardiff,
United Kingdom

Samuela Caliarì, Head of Public Programs, MUSE –
Museo delle Scienze, Trento, Italy

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

Ian Simmons, Science Communication Director,
International Centre for Life, Newcastle Upon Tyne,
United Kingdom

GAMELAB: OPEN PLAY

14:30 – 15:45

GAMELAB
CONVENTION CENTRE

OTHER

LEARNING,
SCIENCE ♥ SOCIETY

#GameLab

CONVENOR

Malvina Artheau, Executive Manager – Development
& European Partnerships, Science Animation Midi-
Pyrénées, Toulouse, France, @MalvinaArtheau

The GameLab is an informal drop-in space entirely dedicated to gaming. Want to play some yet-to-come games designed by science centres? Ready to participate in an on-going experiment of collectively designing a game, from idea to prototype to testing? Need to settle for a while in a cozy space? Have a specific question about game design? Looking for new ideas to engage your visitors? Visit the GameLab and its dedicated team. Ask questions, just sit and play by yourself or with others or even bring a game you like and share it.

SPEAKERS

Matthieu Vernet, Project Manager, Universcience, Paris,
France, @vernetmatthieu

Isabelle Chabanon-Pouget, ICT Explainer,
Universcience, Paris, France, @isa_carnum

Melissa Richard, ICT Explainer, Universcience, Paris,
France

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

John Sear, Creative Director, wallFour Ltd, Birmingham,
United Kingdom, @discostu_uk

Daniel Rosqvist, Tom Tits Experiment, Sodertalje,
Sweden

GETTING VISITORS TO THINK COLLABORATIVELY

14:30 – 15:45

HALL 1A
CONVENTION CENTRE

WORKSHOP

LEARNING

#hall1A

CONVENOR

Laura Meade, Learning Resources Coordinator, Science
Museum Group, London, United Kingdom

How can we encourage deeper thinking in science centres and museums? Coming from a mix of art, historical and science museums we will be exploring together with delegates what we can learn from each other about how to support visitors to think collaboratively. In this workshop, delegates will explore ways to develop specific types of thinking amongst groups of visitors on facilitated and self-led visits. Following a short presentation from each speaker, we will split into groups to find out more about and experiment with the different approaches being used in each context. We will reflect on: What advantages are there in visitors thinking collaboratively? How can we use art exhibits to encourage scientific thinking? If we developed a culture of thinking in a museum, what would it look like?

SPEAKERS

Toby Parkin, Lead Curator, New Interactive Gallery,
Science Museum Group, London, United Kingdom,
@toby1p

Gundy van Dijk, Education / Owner Thinking Education/
Het Scheepvaartmuseum / Cobra Museum/ Thinking
Education, Amsterdam, The Netherlands, @gundyvandijk

Claire Bown, Owner/Founder Thinking Museum,
Thinking Museum, Amsterdam, The Netherlands,
@thinkingmuseum

SUSTAINABILITY: SHARING PRACTICES

14:30 – 15:45

HALL 1B
CONVENTION CENTRE

REVERSE

STRATEGY & VISION,
SCIENCE ♥ SOCIETY

#hall1B



CONVENOR

Sandra Rodegher, Senior Program Coordinator, Arizona State University, Arizona, United States

The need to address sustainability at a global level is critical, but implementation is challenging. Four science centres and museums will share examples of their sustainability initiatives. Our convenor will frame the conversation, arguing that museums and universities are poised to be sustainability leaders and increase public sustainability knowledge. Speakers will present: a building energy efficiency project turned into a public engagement opportunity, lessons learnt from organising a sustainable Ecsite conference, news from the UK's premier sustainable attraction and findings from a pilot study of children's workshops and modules. Participants will contribute their own examples and leave the session with practical next steps.

SPEAKERS

Gerhard Sprung, Instructor, FH Joanneum, University of Applied Science, Graz, Austria

Chris Dunford, Sustainability Engagement Manager, At Bristol, Bristol, nUnited Kingdom. @BrianRoboFalcon

Nathalie Cimino, Head of Exhibitions and Partnerships, PASS – Parc d'Aventures Scientifiques – SCRLFS, Frameries, Belgium

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

A COMMON GROUND FOR PRACTITIONERS & THEORISTS IN LEARNING

14:30 – 15:45

HALL 2
CONVENTION CENTRE

REVERSE

LEARNING, RESEARCH,
THEORY & EVALUATION

#hall2

CONVENOR

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

In this session, we will present cases where practitioners and theorists are working together, showing how interdisciplinary work can enhance quality in programmes and activities. We explore many questions: Which aspects of learning experiences do practitioners find important? How can theorists see their studies integrated in or altering our practice? How can researchers learn from practitioners? After short presentations, group discussions will cover different topics: different ways to relate theory and practice. how can we develop awareness and interest in the issue of building a tighter relationship between researchers and practitioners?

SPEAKERS

Asger Høeg, Director, Asger Høeg Consulting, Bagsværd, Denmark

Ida Marie Bøe, Content developer and educator, VilVite, Bergen, Norway

Bronwyn Bevan, Senior Research Science, University of Washington, Washington, United States

Justin Dillon, Professor of science and Environmental education & Head of School, University of Bristol, Graduate School of Education, Bristol, United Kingdom, @JustinDillonUoB

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

ACTING AS A PUBLIC FORUM: HOW?

14:30 – 15:45

HALL 3
CONVENTION CENTRE

WORKSHOP

STRATEGY & VISION,
SCIENCE ♥ SOCIETY

#hall3

CONVENOR

Giovanni Stijnen, Senior Project Manager, Science Center NEMO, Amsterdam, The Netherlands, (also speaker)

Science centres and museums are increasingly called upon to act as public fora, places where visitors can meet and talk about important issues such as climate change and new research areas. How can they best fulfil this role and efficiently facilitate the public dialogue about important social and scientific developments? In this workshop you will analyse your own organisation's position and efforts as a public forum, critically evaluate outcomes and make plans for further actions. To get you started, speakers will share their own thoughts and experiences gained through the EU project Synenergene. You will then use a hands-on tool – the translearning canvas, to describe and better understand your own (potential) role in this process. After a wrap-up plenary discussion, we will collect and analyse the canvasses to produce a feedback paper.

SPEAKERS

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

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

NOT JUST FOR SPECIAL AUDIENCES: WITH THEM

14:30 – 15:45

HALL 4
CONVENTION CENTRE

WORKSHOP

EQUITY & INCLUSION,
SCIENCE ♥ SOCIETY

#hall4

CONVENOR

Rick Hall, Director of Programmes, Ignite!, Nottingham, United Kingdom, @Rick_Hall (also speaker)

How can we involve hard-to-reach audiences, or those with access challenges, in the design and creation of both the form and content of STEM activities? How do we design activities not just for special audiences, but with special audiences? How do we make sure the generated ideas are given the value they deserve? This session is based on two case studies. Ignite! has been running a series of Community Curiosity Labs engaging children and families who believe that science is hard, irrelevant and “not for the likes of us”; and MegaMind's installations, many of them co-created and co-curated with children. After a short presentation of both projects, participants will work in groups to come up with open-ended activities addressing questions raised by Community Curiosity Lab audiences, and to make an “Idea generator” installation more inclusive.

SPEAKERS

Åsa Lindgren, Project Manager MegaMind, new Science Center 2015, Tekniska museet (National Museum of Science & Technology), Stockholm, Sweden, @AsaGALindgren

Mariana Back, Curator, Tekniska museet (National Museum of Science & Technology), Stockholm, Sweden

SPECTACULAR SCIENCE: CONTROVERSIAL?

14:30 – 15:45

HALL 5
CONVENTION CENTRE

REVERSE

LEARNING, RESEARCH,
THEORY & EVALUATION

#hall5



CONVENORS

Meriem Fresson, Coordination and International Projects Manager, TRACES / Espace des Sciences Pierre-Gilles de Gennes, Paris, France, @groupeTraces

Cristina Olivotto, Founder, Sterrenlab, Geneva, Switzerland

Theatrical plays, stand-up comedies, mystery games... are tools used to engage the public in science centres, schools and research institutes. They are an effective engagement tool but they also risk to reflect an old-fashioned view of communication, a way to “make the pill easier to swallow” or to take attention away from the social implications of science. Some projects are developing methodologies based on the use of mysteries and performing arts in different learning environments, such as science centres (PERFORM) and the classroom (TEMI). Considerations from a science centre explainer, a scientist and a teacher will spark discussions on the use of spectacular science for public engagement, and to avoid disconnecting science learning from the real world.

SPEAKERS

Malka Yaron, Chemistry Teacher, Katzir High School, Rehovot, Israel

Aniello Mennella, Professor, University of Milan, Dept. of Physics, Milan, Italy

Blazej Dawidson, Head of Science and Art Events Lab, Copernicus Science Centre, Warsaw, Poland

TEACHERS AND EXPLAINERS: IN IT TOGETHER?

14:30 – 15:45

MAIN AUDITORIUM
CONVENTION CENTRE

REVERSE

LEARNING, EXPLAINERS &
VISITOR SERVICES

#audi

CONVENOR

Isabel Chagas, Professor, Instituto de Educação da Universidade de Lisboa, Lisbon, Portugal

A growing number of studies show the importance of museum explainers during school visits to facilitate a better engagement of students. Numerous teacher courses have also recently been developed on the use of science centres as teaching resources. Generally speaking, schools and science centres seem to be engaging in closer collaborations. What does it mean for teachers and explainers? What do they expect from each other? How can they avoid treading on each other's toes? Can courses help improve communication between them? Each of our speakers has a different take on these questions – join the debate!

SPEAKERS

Isabel Borges, Education Coordinator, Planetarium Calouste Gulbenkian / Science Alive Centre, Lisbon, Portugal

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

Paweł Barczyński, Didactics Specialist EC1, Assistant professor University of Łódź, Instytucja Kultury “EC1 Łódź – Miasto Kultury”, Lodz, Poland

Cláudia Faria, Principal Researcher, Institute of Education of the University of Lisbon, Lisbon, Portugal

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

DISSECT, HACK AND RE-IMAGINE ELECTRONIC TOYS – 2

14:30 – 15:45

MAKERSPACE
CONVENTION CENTRE

WORKSHOP

LEARNING

#MakerSpace

CONVENOR

Ryan Jenkins, Tinkering Studio Education Developer, Exploratorium, San Francisco, United States

Our series of daily hands-on activities will be dedicated to “twisted toys”: electronic toys and the wonderful possibilities that they hold for making and tinkering. We will discover together what makes these toys move, make noise, and light up by taking them apart using tools such as screwdrivers, scissors, and saws to explore the inner circuitry and mechanisms. As we engage in the process of dissection, we'll capture observations, questions and discussions that come up during this workshop. After we've collected the parts and recorded the purposes on Thursday, we'll spend the sessions on Friday and Saturday remixing, hacking, and then repurposing these toys.

SPEAKERS

Sebastian Martin, Scientific Content Developer, Exploratorium, San Francisco, United States, @smartinseb

Lydia Beall, Tech Studio Program Manager, Museum of Science, Boston, United States

Sabina Barcucci, Project Manager at MUSE FabLab, MUSE – Museo delle Scienze, Trento, Italy, @sabinacuccibar

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

ECSITE ANNUAL GENERAL MEETING

14:30 – 16:30

GALLERY B
CONVENTION CENTRE

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

POSTER SESSION: MEET THE AUTHORS

15:45 – 16:30

BUSINESS BISTRO
CONVENTION CENTRE

POSTER OR PROJECT SHOWCASE #BB
LEARNING,
EXHIBIT DEVELOPMENT

CONVENOR

Antonina Khodzaeva, Project Manager, Ecsite,
Brussels, Belgium

A selection of posters showcasing non-profit projects
will be displayed in the Business Bistro area throughout
the entire conference. Join this special time slot to meet
poster authors and engage in conversation.

SPEAKERS

Andrea Riccio, Grant Office, Sapienza University of
Rome, Rome, Italy, @lighea85 @RicercaSapienza
Yijia Jin, Deputy Director of Comprehensive Business
Dept., SSTM, Shanghai Science & Technology Museum,
Shanghai, China
Asli Samadova, Freelance Consultant
Suzana Filipecki Martins, Project Assistant, Ecsite,
Brussels, Belgium, @suzanafm
Carmen Fenollosa, Project Manager, Ecsite, Brussels,
Belgium
Jiayi Jin, Exhibition Consultant/PhD Research, HKD
Studio / University of Nottingham, Nottingham, United
Kingdom, @jenniferking100
Tomas Rehacek, Project Manager, Ecsite, Brussels,
Belgium, @Tomas_Rehacek
Hendrikje Brünig, Doctoral student “NAVI for
Research Museums – New Approaches to Valorization
and Knowledge Dissemination”, Deutsches
Schiffahrtsmuseum, Bremerhaven, Germany

Kenneth Monjero, Research Scientist, Kenya
Agricultural and Livestock Research Organization/
Informal Science Centre Kenya, Nairobi, Kenya
Christiane Thenius, Project Manager, ZOOM
Kindermuseum, Vienna, Austria
Andrea Troncoso, Project Manager, Ecsite, Brussels,
Belgium, @AndreaEcsite
Vassilis Papakonstantinou, Head of Interactive Science
& Technology Exhibition, P. Faliro, Greece
Aliki Giannakopoulou, Project Manager, Ellinogermaniki
Agogi SA, Athens, Greece
Viktor Plass, Segment Leader, Exhibition Concept
Designer, AV MEDIA, Prague, Czech Republic,
@Brigante31
Ursula Warnke, Director, Deutsches Schiffahrtsmuseum,
Bremerhaven, Germany

POPULAR SCIENCE: OVERUSED OR UNDERUSED IN OUTREACH?

16:30 – 17:45

GALLERY C
CONVENTION CENTRE

WORKSHOP
EQUITY & INCLUSION,
SCIENCE ♥ SOCIETY

#gallC



EDGY

CONVENOR

John Downey, Senior Educator / External Events
Coordinator, Balthazar Science Center, Skovde, Sweden
(also speaker)

We define popular culture as “culture based on the tastes
of ordinary people rather than an educated elite”. Science
is at the heart of popular culture, we know that! Unfortu-
nately, scientists and academics (and many teachers) are
the group who know least about “pop science”. I “f-ing”
love Science has over 22 million “likes” on Facebook. The
TV show “Big Bang Theory” brought “nerdy science” into
the homes of millions all over the world. This session is
for those of you who work with outreach, science fairs,
shows and demonstrations. Should we move beyond coke
and Mentos and bubble shows? Should we be doing more
“serious” science? Please join this session if you want to
move even further away from curriculum based activities
in science centres.

SPEAKERS

Alma Rehmonen, Educator and explainer, Balthazar
Science Center, Skovde, Sweden
Elisabetta Trentin, Educational Researcher & senior
explainer, Gruppo PLEIADI, Padova, Italy
Diana Escobar Vicent, Science Dissemination Program
Responsible, Barcelona Ciència – Institut de Cultura de
Barcelona, Barcelona, Spain
Davor Komericki, Managing Director & New
Technologies Manager, AQUIS, Zagreb, Croatia

GAMELAB WRAP-UP

16:30 – 17:45

GAMELAB
CONVENTION CENTRE

WORKSHOP
LEARNING,
SCIENCE ♥ SOCIETY

#GameLab

CONVENOR

Malvina Artheau, Executive manager – Development
& European Partnerships, Science Animation Midi-
Pyrénées, Toulouse, France, @MalvinaArtheau

After two days of play, the GameLab team invites you
to stop by and reflect in this mid-wrap-up session. For
the whole conference duration, the GameLab will have
been beta testing new ideas, sharing works in progress
and showcasing games that are being used in or being
developed by science centres and museums – including
the ones created during the “Developing, prototyping
& hacking science games” pre-conference workshop.
This wrap-up session is to make sure you have played,
tested and asked all the questions you could think of.
Speed dating, questions and answers, demos: there will
be plenty to do during the first part of the session. We
will then take a moment to think about future GameLab
editions: imagine new ideas, new formats etc. Of course
we'll do it the playful way: collect your GameLab token,
share your ideas and vote for your favourites by using
your feet.

MOTIVATING Y-GENERATION STAFF

16:30 – 17:45

HALL 1A
CONVENTION CENTRE

PANEL

#hall1A

EXPLAINERS & VISITOR SERVICES,
STRATEGY & VISION

CONVENOR

Andres Juur, Director, AHHA Science Centre Foundation, Tartu, Estonia

In the near future, a large part of our employees will belong to the so-called Y-generation (born between the 1980s and the early 2000s). They are the most educated and culturally diverse of any generation before them, they're also notorious job-hoppers who dislike bureaucracy and distrust traditional hierarchies – leaving many leaders scratching their heads. What motivates this rising cohort? How do you keep them engaged, earn their trust and use their ideas to make your science centre better? We have done this work for several years, we might sometimes think we “know and have seen it all” disregarding the experiences and stories of our student explainers. And after all, they are the future and they speak the language of our target groups. Four professionals will give an overview of their experience.

SPEAKERS

Andrea Motto, Afterschool Program Director, Yale Peabody Museum of Natural History, New Haven, United States

Kamil Rogulski, Deputy Head of Operations Department, Copernicus Science Centre, Warsaw, Poland

Tanja van der Woude, Project leader and coordinator Bachelor study information, Science LinX – University of Groningen, Groningen, The Netherlands

VIRTUAL AND AUGMENTED REALITY

16:30 – 17:45

HALL 1B
CONVENTION CENTRE

REVERSE

#hall1B

EXHIBIT DEVELOPMENT,
EXPLAINERS & VISITOR SERVICES

CONVENOR

Laurent Chicoineau, Director, La Casemate, Grenoble, France

Virtual reality is a powerful tool for immersive experiences. How did our science centres begin to develop this kind of experience? What's their feedback? How do they use it: with an explainer or not, in an exhibition or not ... Is it a way to create new representations or illustrations of scientific concepts? A way to involve young people? Join the session and contribute with your own experience!

SPEAKERS

Jiayi Jin, Exhibition Consultant/PhD Research, HKD Studio / University of Nottingham, Nottingham, United Kingdom, @jenniferking100

Alexander Nischelwitzer, Professor, FH Joanneum, University of Applied Sciences, Graz, Austria, @nischelwitzer
Maggioni Ludovic, Manager of Exhibition, La Casemate, Grenoble, France, @ludovicmaggioni

RE-THINKING COLLABORATION WITH SCIENTISTS

16:30 – 17:45

HALL 2
CONVENTION CENTRE

PANEL

#hall2

LEARNING,
EXHIBIT DEVELOPMENT



EDGY

CONVENOR

Justin Dillon, Pr. of Science and Environmental Education & Head of School, University of Bristol, Graduate School of Education, United Kingdom, @JustinDillonUoB

Science centres and museums share a long tradition of involving scientists in the development of events, exhibitions and activities. Traditionally scientists provide us with “content”: latest discoveries and most adequate explanations. We will explore different – and perhaps novel – cooperations between scientists, museum staff and audiences. Do we, regard scientists merely as content providers, or should we involve them more closely in programme or exhibition development and let them take on new roles? Hear of novel collaboration forms and discuss the value of real science in education and exhibitions.

SPEAKERS

Sara Tougaard, Education Programme Manager, Natural History Museum of Denmark, Copenhagen, Denmark

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

Paweł Barczyński, Didactics Specialist EC1, Assistant professor University of Łódź, Instytucja Kultury “EC1 Łódź – Miasto Kultury”, Lodz, Poland

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

Amito Haarhus, Deputy Director, Science Center NEMO, Amsterdam, The Netherlands, @AmitoH

THE SOUND OF SILENCE

16:30 – 17:45

HALL 3
CONVENTION CENTRE

WORKSHOP

#hall3

EXHIBIT DEVELOPMENT,
EXPLAINERS & VISITOR SERVICES

CONVENOR

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

We have all experienced the hustle and bustle, the sometimes overwhelming background noise of people and exhibits inside interactive exhibitions. Sound is an important contributor to the museum experience, often overlooked during the design of an exhibition and rarely monitored during its operation. In this workshop we will discuss different shades of sound and silence. We will start by introducing recordings of typical sound levels from our organisations, and an expert will outline the psychological effects of sound/noise on exhibition visitors. From there, we will explore how sound can raise issues, especially for visitors with sensory processing disorders. Can we design sound – or silence? Can we control sound – or silence? Let's share the way your organisations deal with sound.

SPEAKERS

Lorna Williams, Head of Content, New Interactive Gallery, Science Museum Group, Bradford, United Kingdom

Michał Buława, Head of Exhibition, Instytucja Kultury “EC1 Łódź – Miasto Kultury”, Lodz, Poland

Esther Hamstra, Content Strategy and Development, NorthernLight Design, Amsterdam, The Netherlands

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

SYSTEMS THINKING GAME KIT: LET'S PLAY

16:30 – 17:45

HALL 4
CONVENTION CENTRE

WORKSHOP

LEARNING, SCIENCE ♥ SOCIETY

#hall4

CONVENORS

Petra Wagner, Researcher, AIT Austrian Institute of Technology, Vienna, Austria, (also speaker)

Jeanette Mueller, conceptual artist, trust room, Vienna, Austria (also speaker)

Human beings love to learn. They love to play, too. Why do we primarily act with our linearity-trained mind in a non-linear world? In order to thrive in today's complex world, systems thinking – thinking in systems – offers many ways of making sense and taking action together to solve wicked problems. Yet most approaches offered as learning environments to embrace systems thinking have been either very “functional” or overly “pedagogical”. Play, game and art may also nurture our sense for holistic systems and their complex interrelations, and help us identify and understand their components. In our session we will “perform” and “play” and co-create several playful interactions based on a “systems thinking game kit”. Get a hands-on, minds-on and hearts-on flow experience of tackling wicked global issues, and take away “ready-to-play” ideas and solutions.

BREAKING DOWN BARRIERS THROUGH SCIENCE SHOWS

16:30 – 17:45

HALL 5
CONVENTION CENTRE

PANEL

LEARNING, RESEARCH,
THEORY & EVALUATION

#hall5

FOUNDATIONS

CONVENOR

Vesna Pajić, Project Manager, Ustanova Hisa eksperimentov – The House of Experiments, Ljubljana, Slovenia

This session explores engaging diverse audiences to communicate global issues, drive development and cross cultural boundaries. Examples from South Africa, Wales and Australia will illustrate how science show techniques can break down cultural, socio-economic, demographic, geographic etc., barriers and drive behavioural change.

SPEAKERS

Silindile Mthembu, ECD Coordinator, Unizulu Science Centre, Richards Bay, South Africa

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

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

COLLABORATING AND CO-CREATING WITH COMMUNITIES: HOW AND WHY?

16:30 – 17:45

MAIN AUDITORIUM
CONVENTION CENTRE

REVERSE

EQUITY & INCLUSION,
STRATEGY & VISION

#audi

CONVENOR

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

To thrive in the future, science centres & museums need to connect with increasingly diverse communities. In our digital age, people expect to participate actively, to create as well as to consume. In this “participatory culture” fuelled by social networking, crowd-sourcing, and user-generated content, science centres are not exclusive producers of content. Communities, enthusiasts and “non-visitors” bring fresh perspectives and new expertise. How can museums work not just FOR but WITH them, at differing levels of intensity, through a variety of activities, to develop mutual benefits? Presenters will describe different communities collaborations and their aims, challenges and outputs, followed by a facilitated discussion. Leave with new ideas about the potential for creative collaborations with your own communities.

SPEAKERS

Don Undeen, Cultural Technology Consultant, BoomHiFive, Washington, United States, @donundeen

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

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

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

MAKE, TEACH AND VALIDATE

16:30 – 17:45

MAKERSPACE
CONVENTION CENTRE

PANEL

LEARNING

#MakerSpace

CONVENOR

Sabina Barucci, MUSE FabLab creative manager, MUSE Science Museum, Trento, Italy, @sabinacuccibar

“Learn to teach, teach to learn”: this is a fundamental motto for educators, artists, scientists and makers dealing with innovation and creativity. Indeed the production of new ideas, formats and items requires practitioners to get involved in a never-ending learning and feedback process within an environment that provides continuous validation. Using MakerSpaces in science museums as a case study, we will draft an arising scenario in which a new open educational system comes as a by-product of a bottom-up prototypes-to-product development process of lean startup, based on informal learning, maker culture, STEAM and critical making. And vice versa.

SPEAKERS

Roland Stelzer, founder and CEO of Happylab Makerspace, Vienna, Austria

Erik Thorstensson, Maker and co-founder of Strawbees, Gothenburg, Sweden

Sebastian Martin, Scientific Content Developer, Tinkering Studio, Exploratorium, San Francisco, United States

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

BUSINESS BISTRO HAPPY HOUR

18:00 – 19:00

BUSINESS BISTRO
CONVENTION CENTRE

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 – 00:00

JOANNEUM QUARTER

SOCIAL EVENT

The Nocturne invites you into the Joanneum Quarter and its surrounding courtyards. Meet friends and colleagues, stroll around, taste Styrian wine and food, visit the quarter's many exhibition spaces and enjoy the interactive programme. More on page 154.

MOVING SCIENCE INTO THE HEART OF PEOPLE



ARCHIMEDES

M O V I N G • S C I E N C E

VISIT US at booth 35 and at www.Archimedes-Exhibitions.de

THE MAGIC OF SCIENCE, THE SCIENCE OF MAGIC

09:00 – 10:15

GALLERY B+C
CONVENTION CENTRE

WORKSHOP

EQUITY & INCLUSION,
LEARNING

#gallBC

CONVENOR

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

There is a place for magic shows in science centres and museums. In this session you'll have a chance to "bust" a series of (what many call) magic tricks. Yes, this is entertainment, but there is a lot of serious science and technology involved such as chemistry, physics, mechanics or biology. This workshop will include an element of collaboration and competition where participants are required to either explain or reproduce tricks or effects. We will be taking a "behind the stage" look at what works with a wide variety of audience sizes, ages and types. After three introductory presentations, speakers will get a chance to interact with each presenter at a separate table. This will be followed by a 20 minute collective discussion.

SPEAKERS

Hélder Ferreira, Engineer, Centro Ciencia Viva De Lagos, Lagos, Portugal
Łukasz Bury, Copernicus Science Centre, Warsaw, Poland
John Downey, Senior Educator / External Events Coordinator, Balthazar Science Center, Skövde, Sweden

GAMELAB: OPEN PLAY

09:00 – 10:15

CONVENTION CENTRE

OTHER

LEARNING,
SCIENCE ♥ SOCIETY

#GameLab

CONVENOR

Malvina Artheau, Executive manager – Development & European Partnerships, Science Animation Midi-Pyrénées, Toulouse, France, @MalvinaArtheau

The GameLab is an informal drop-in space entirely dedicated to gaming. Want to play some yet-to-come games designed by science centres? Ready to participate in an on-going experiment of collectively designing a game, from idea to prototype to testing? Need to settle for a while in a cozy space? Have a specific question about game design? Looking for new ideas to engage your visitors? Visit the GameLab and its dedicated team. Ask questions, just sit and play by yourself or with others or even bring a game you like and share it.

SPEAKERS

Antoine Blanchard, Digital Program Officer, University of Bordeaux, Bordeaux, France, @enroweb
Matthieu Vernet, Project Manager, Universcience, Paris, France, @vernetmatthieu
Isabelle Chabanon-Pouget, ICT Explainer, Universcience, Paris, France, @isa_carnum
Melissa Richard, ICT Explainer, Universcience, Paris France
Daniela De Angeli, Research Engineer, University of Bath, National Trust, Bath, United Kingdom
Kate Kneale, Director, HKD, Margate, United Kingdom, @KnealeK
Daniel Rosqvist, Tom Tits Experiment, Sodertälje, Sweden

CAPTURING VISITOR EXPERIENCES THROUGH NEW TECHNOLOGIES

09:00 – 10:15

HALL 1A
CONVENTION CENTRE

PANEL

RESEARCH,
THEORY & EVALUATION

#hall1A

CONVENOR

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

This session will discuss new technologies and their use to capture visitor experiences and evaluate exhibits and exhibitions. Eye tracking, smartwatches, RFID data, EEET – there are many ways of getting accurate data about the way people are playing, moving or learning in your public spaces. Smartwatches record movements across exhibitions and track emotions through pulse. RFID data can channel big data generated in galleries and give a broad picture of visitor flows. Eye tracking provides hard data on elements that attract visitors' attention the most. We will be sharing experiences of using new technologies to gather visitor data in science centres and museums, and discussing value for money and impact on your organisation's public image.

SPEAKERS

Katarzyna Potega vel Zabik, Specialist, Copernicus Science Centre, Warsaw, Poland
Maartje Raijmakers, Affiliated Professor University of Amsterdam NCTW/NEMO, University of Amsterdam, Amsterdam, The Netherlands

MAKING EU PROJECTS PART OF YOUR DAILY LIFE

09:00 – 10:15

HALL 1B
CONVENTION CENTRE

REVERSE

STRATEGY & VISION,
SCIENCE ♥ SOCIETY

#hall1B

CONVENOR

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

European projects can be very attractive for science centres, museums or schools. These projects add to the variety of science engagement initiatives and activities that we can offer to the public and/or to schools. They help us develop new ideas, programmes and tools, as well as establish new partnerships. But how do we manage to sustain them – or at least some elements – once funding is over? How do we make them last longer than merely a “flash in the pan”? And why bother entering into a project if it ends when EU money dries out? This session will focus on the do's and don'ts of EU projects from an organisational point of view and will explore ways to ensure that they become part of and serve our core strategy.

SPEAKERS

Dea Brokman, Deputy director, The Bloomfield Science Museum Jerusalem, Jerusalem, Israel
Aliki Giannakopoulou, Project Manager, Ellinogermaniki Agogi SA, Athens, Greece
Marjolein van Breemen, Head of Learning & Research/ Science Learning Center, Science Center NEMO, Amsterdam, The Netherlands, @M_van_Breemen
Sheena Laursen, Science Projects Manager, Experimentarium, Hellerup, Denmark

FORMAL-INFORMAL LEARNING NETWORKS

09:00 – 10:15

HALL 2
CONVENTION CENTRE

PANEL

STRATEGY & VISION, RESEARCH,
THEORY & EVALUATION

#hall2

CONVENOR

Silvia Grabner, Director, NaturErlebnisPark – Science Education Center, Graz, Austria

In recent years, networks of formal and non-formal organisational structures have become increasingly popular in science education. Those highly complex collaborations offer great opportunities to work as learning communities and foster individual as well as institutional learning processes. Special reflective practices within such frameworks also provide the basis for well-grounded studies which lay emphasis on shared experiences as well as on methodological aspects, organisation and administration. We will be presenting different networks in regional, national and international settings and showing how – in this dynamic mode – evaluation can be aligned with the goals and values of the learning community. These approaches offer viable ways to get innovative ideas, spur communication and inspire evidence-based development.

SPEAKERS

Franz Rauch, Head of Institute, Alpen-Adria-University Klagenfurt, Institute of Instructional and School Development, Klagenfurt, Austria
Marika Kapanadze, Professor in Science Education, Ilia State University, Tbilisi, Georgia
Hannu Salmi, University of Helsinki, Vantaa, Finland
Andrea Frantz-Pittner, CEO, NaturErlebnisPark Science Education Center, Graz, Austria

HELLO, WHAT CAN I BOOK FOR YOU?

09:00 – 10:15

HALL 3
CONVENTION CENTRE

PANEL

EXPLAINERS & VISITOR SERVICES,
MARKETING & COMMUNICATION

#hall3

CONVENOR

Paula Bäckman, Head of Educational Development, Balthazar Science Center, Skovde, Sweden

We all know stressed-out teachers hanging on the phone, all trying to reach our call centre in the same five minutes of their school break. Or endless conversations with parents to find a birthday party date. Finally, when everything is booked, the staff timetable organisation round starts and soon afterwards management urgently needs numbers and statistics ... A never ending job. How to handle this chaos? Let's talk about the pros & cons of online booking and reservation systems, not from the point of view of an IT-company trying to sell you an expensive tool – but from the inside perspective of organisers. We will each present our homemade systems and the remodeled cooperation they allow with our customers. Let's share ideas and wishes for a perfect booking tool – there is always room for improvements!

SPEAKERS

Christian Sandberg, Science communicator, Universeum AB, Gothenburg, Sweden
Katerina Techlova, Operation Manager, Techmania Science Center, Pilsen, Czech Republic
Benedicte Wolff, Retail manager, ViVite, Bergen Vitensenter AS, Bergen, Norway
Wencke Maderbacher, Deputy Head of Department, Museum Education, Technisches Museum Wien, Vienna, Austria, @wenckevie

ASSESSING BEHAVIOURAL CHANGE

09:00 – 10:15

HALL 4
CONVENTION CENTRE

PANEL

#hall4

RESEARCH, THEORY & EVALUATION,
SCIENCE ♥ SOCIETY

CONVENOR

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

In this session we briefly highlight innovative experiences in assessing the public's behavioural change after taking part in ocean literacy and conservation projects. These assessment strategies and tools can be valuable to the community of science centres and museums at large, to approach other topics and initiatives. Hear of novel evaluation procedures and campaigns co-designed with citizens and stakeholders. Case studies presented in this session were developed as part of the Sea Change EU project to assess the project activities' effect on citizen ocean literacy and behavioural change.

SPEAKERS

Francisco Franco del Amo, Technical Manager, Aquarium Finisterrae, La Coruna, Spain
Manuel Cira, Head of Cultural Services and International Partnerships, NAUSICAA national Sea Experience Centre, Boulogne sur Mer, France
Guglielmo Maglio, Manager of Science Communication Projects, Fondazione IDIS – Città della Scienza, Naples, Italy

ENGAGING SENIORS

09:00 – 10:15

HALL 5
CONVENTION CENTRE

REVERSE

#hall5

EQUITY & INCLUSION,
SCIENCE ♥ SOCIETY

CONVENOR

Luis Azevedo Rodrigues, Director, Centro Ciencia Viva De Lagos, Lagos, Portugal, @cienaonatural

Developing science programmes for adults is a true challenge for most of science centres and museums. They think they know almost everything, they will come only as accompaniers, and they consider themselves too old to have fun! Yet it is a priority to engage with seniors. They will be representing an ever-growing part of our ageing societies and we are convinced that not only can they learn and re-learn, but also that they can contribute important points of views and share valuable know-how. The session will explore the pros and cons of engaging seniors, as well as physical constraints and motivations.

SPEAKERS

Ewa Janowska, Project Manager at Science and Art Events Lab, Copernicus Science Centre, Warsaw, Poland
Sara Mira, Science Communicator Manager, Centro Ciencia Viva De Lagos, Lagos, Portugal
Ivone Fachada, Executive Director, Science Centre of Bragança, Bragança, Portugal, @Ivone_Fachada
Ayman Elsayed, Director, Bibliotheca Alexandrina Planetarium Science Center, Alexandria, Egypt

SCIENCE CENTRE FUNCTIONS: WHAT DO WE SACRIFICE?

09:00 – 10:15

MAIN AUDITORIUM
CONVENTION CENTRE

PANEL

#audi

STRATEGY & VISION,
SCIENCE ♥ SOCIETY



CONVENOR

Ian Simmons, Science Communication Director, International Centre for Life, Newcastle Upon Tyne, United Kingdom

There are lots of great ideas for engaging the public with science out there – but do science centres and museums have to do them all? We only have a certain amount of resources and it would be unwise to spread them too thin, so we have to make choices about what we do. What public engagement activities should be left to someone else and why? Each panel member will speak for 5 minutes on the activity they offer to sacrifice, before the audience gets a chance to pitch in. This is intended to stir up discussion and controversy about the mission and direction of science centres and get participants thinking about the function of science centres in the 21st century.

SPEAKERS

Anna Starkey, Creative Director, At-Bristol, Bristol, United Kingdom
Ryan Jenkins, Tinkering Studio Education Developer, Exploratorium, San Francisco, United States
Amparo Leyman Pino, Assistant Director, Family Engagement Institute at Foothill College, San Francisco, United States, @ampisquelinda
Mikko Myllykoski, Experience Director, Heureka – The Finnish Science Centre, Vantaa, Finland
Andy Lloyd, Head of Special Projects, International Centre for Life, Newcastle upon Tyne, United Kingdom, @arllloyd

TINKERING IN PROGRESS

09:00 – 10:15

MAKERSPACE
CONVENTION CENTRE

WORKSHOP

#MakerSpace

LEARNING, EXPLAINERS
& VISITOR SERVICES

CONVENOR

Naomi Foster, Senior Public Engagement Officer, International Centre for Life, Newcastle uponTyne, United Kingdom, @naomidfoster

Join and try out tinkering activities with light, movement and mechanisms, and share your thoughts on a work-in-progress. These activities are being developed as part of TinkeringinEU, a collaboration across the EU creating and testing new activities and exploring the ethos of Tinkering as a tool for hands-on learning in a variety of contexts. Project representatives will be on hand to help you tinker and chat. TinkeringinEU is funded by the Erasmus+ Programme of the European Union.

SPEAKERS

Bence Fazekas, Development Engineer, Mobilis Science Center, Gyor, Hungary
Naomi Foster, Senior Public Engagement Officer, International Centre for Life, Newcastle upon Tyne, United Kingdom, @naomidfoster
Fabrizio Stavola, Museum Explainer, Museo Nazionale della Scienza e della Tecnologia “Leonardo da Vinci”, Milan, Italy, @fstavola
Meie van Laar, Senior Project Manager Education, Science Learning Center, Science Center NEMO, Amsterdam, The Netherlands
Paul Hix, European Projects, Deutsches Museum, Munich, Germany

KEYNOTE FRANS DE WAAL

10:30 – 11:30

MAIN AUDITORIUM
CONVENTION CENTRE

#audi



Dr. Frans B. M. de Waal is a Dutch-American biologist and primatologist known for his work on the behaviour and social cognition of primates, including the study of cooperative behaviours in these animal groups. His popular books have made him one of the world's most visible primatologists. De Waal has been elected to the (US) National Academy of Sciences and the Royal Dutch Academy of Sciences. In 2007, he was selected by Time as one of The Worlds' 100 Most Influential People Today. In his work with monkeys, apes, and elephants, he has found many cases of one individual coming to another's aid in a fight, putting an arm around a previous victim of attack, or other emotional responses to the distress of others. Here, he will review expressions of empathy in animals, which ranges from a core mechanism of emotional linkage to higher levels of perspective-taking and targeted helping. He will also discuss the sense of fairness in animals, and the many ways in which they achieve common goals.

SPEAKER

Frans de Waal, Biologist, Primatologist, Professor, Psychology Department of Emory University, Atlanta, United States

REFUGEES AND IMMIGRANTS: WHAT'S OUR ROLE?

12:00 – 13:15

GALLERY B+C
CONVENTION CENTRE

REVERSE

EQUITY & INCLUSION,
STRATEGY & VISION

#gallBC



CONVENOR

Heidrun Schulze, Project Manager, ScienceCenter-Network, Vienna, Austria

The current refugee situation is a big societal challenge and will result in further diversification of our communities. Let's explore if and how this motivates science centres and museums into action. The Mechelen Declaration commits us to "investigate how to engage even more effectively with local communities and increasingly diverse audiences". Is the current situation an opportunity to enlarge audiences and prove inclusiveness? To gain access to new funding? To broaden our knowledge base? Are we interfering or cooperating with other social stakeholders? This session focuses on the strategic rationale for engagement – come back after lunch for a second part on lessons learnt from a series of ongoing initiatives.

SPEAKERS

Bojan Markicevic, Science communication consultant, Atelier des Jours à Venir, Paris, France & Fifth gymnasium, Zagreb, Croatia, Zagreb, Croatia

Joe Hastings, Executive Director, Explora, Albuquerque, United States

Melanie Wunsch, Exhibition Manager, Stiftung Neanderthal Museum, Mettmann, Germany

Phil Loring, Curator of the History of Medicine, Norsk Teknisk Museum, Oslo, Norway, @ph_lor

Iris Ott, Education Officer, Natural History Museum Vienna, Vienna, Austria

GAMELAB: OPEN PLAY

12:00 – 13:15

CONVENTION CENTRE

OTHER

LEARNING,
SCIENCE ♥ SOCIETY

#GameLab

CONVENOR

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

The GameLab is an informal drop-in space entirely dedicated to gaming. Want to play some yet-to-come games designed by science centres? Ready to participate in an on-going experiment of collectively designing a game, from idea to prototype to testing? Need to settle for a while in a cozy space? Have a specific question about game design? Looking for new ideas to engage your visitors? Visit the GameLab and its dedicated team. Ask questions, just sit and play by yourself or with others or even bring a game you like and share it.

SPEAKERS

Matthieu Vernet, Project Manager, Universcience, Paris, France, @vernetmatthieu

Isabelle Chabanon-Pouget, ICT Explainer, Universcience, Paris, France, @isa_carmum

Melissa Richard, ICT Explainer, Universcience, Paris, France

Malvina Artheau, Executive Manager – Development & European Partnerships, Science Animation Midi-Pyrénées, Toulouse, France, @MalvinaArtheau

EMBRACING MOBILE TECHNOLOGY IN THE MUSEUM SPACE

12:00 – 13:15

HALL 1A
CONVENTION CENTRE

PANEL

EXHIBIT DEVELOPMENT, RESEARCH,
THEORY & EVALUATION

#hall1A

CONVENOR

Sarah Kounaves, PhD Researcher, King's College London, London, United Kingdom

Mobile devices are nowadays being used on a massive scale, world-wide. Integrating mobile media into exhibitions and programming leads to endlessly different interpretations and content delivery. When using this new technology, visitors behave differently in the museum space; their interpretation of and engagement with content is altered by the addition of their treasured, personal information outlet. With the right forms of collaboration, museums of all sizes can embrace mobile technology and enhance their institution as well as their visitor's experience. Our projects present enthusiasm for mobile technology. Our session will discuss why museum spaces should embrace mobile technology based on original visitor research and case studies.

SPEAKERS

Heather Robbins, Head of Communications & Community Partnerships, National Museum of Health + Medicine Chicago, Chicago, United States

Nancy Harmon, Chief Curatorial Officer, Encurate, Chicago, United States

Jens Alvermann, PhD Researcher Museum Studies, Stiftung Neanderthal Museum, Mettmann, Germany, @JensAlvermann

Talila Yehiel, Museum Expert, Carasso Science Park, Tel Aviv, Israel, @thewandering.net

FOUR WAYS OF MAKING SCIENCE UNDERSTANDABLE

12:00 – 13:15

HALL 1B
CONVENTION CENTRE

WORKSHOP

MARKETING & COMMUNICATION
SCIENCE ♥ SOCIETY

#hall1B



CONVENOR

Peter Kolesár, Chief Strategy Officer, Neulogy, a. s., Bratislava, Slovakia

In this workshop participants will brainstorm the most effective ways to communicate science for various purposes and to diverse target groups. We will start with a short lecture from a particle physicist, a member of the CERN council. Workshop participants will then split into four different groups (specialised science media, general media, scientific exhibitions and festivals and cyberspace) with the task of defining the most suitable and catchy way of presenting the given lecture to the general public, with help from an expert mentor. Each small group will present their findings, which will open a discussion examining the pros and cons of different presentations/media.

SPEAKERS

Branislav Sitár, Particle physicist, member of CERN council, Geneva, Switzerland

Petra Lipnicka, President of SOVVA organization, Bratislava, Slovakia

Otakar Horak, Reporter, Dennik N, Bratislava, Slovakia
@otakar_horak

Zuzana Vitková, Editor-in-chief, science.sk, Bratislava, Slovakia

Frédérique Hazéová, Journalist at Science.sk, Bratislava, Slovakia

ORGANISING EXPLAINERS' TEAMS

12:00 – 13:15

HALL 2
CONVENTION CENTRE

REVERSE

EXPLAINERS & VISITOR SERVICES,
STRATEGY & VISION

#hall2

CONVENOR

Rhys Evans, Development Manager, Techniquet, Cardiff, United Kingdom

Science centres and museums all face the same question: how to organise their explainers' team. Some work with freelance students and a high turnover. Others develop long-term career strategies for their guides. And many different in-between ways. How you manage explainer human resources not only has an impact on your explainers' performance. It also influences your education department and institution altogether and shapes the way you interact with audiences. Speakers will present the particular systems they developed and ask: Is there a golden solution? Is it just strict budgets that keep institutions from offering explainers long-term contracts? How do we keep the good ones? Contribute your opinion and experience!

SPEAKERS

Andrea Motto, Afterschool Program Director, Yale Peabody Museum of Natural History, New Haven, United States

Wencke Maderbacher, Deputy Head of Department, Museum Education, Technisches Museum Wien, Vienna, Austria, @wenckevie

Andres Juur, Director, AHHA Science Centre Foundation, Tartu, Estonia

Anthony Richards, Head of Learning and Operations, KCA London Ltd, London, United Kingdom, @antysam

Anne Lise Mathieu, Project Manager, Universcience, Paris, France

SCIENCE CENTRE MARKETING: WHAT'S NEXT?

12:00 – 13:15

HALL 3
CONVENTION CENTRE

PANEL

MARKETING & COMMUNICATION,
STRATEGY & VISION

#hall3

CONVENOR

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

Innovation is central to the success of modern enterprises, whether they are product or service focused, and belong to the private, public or voluntary sector. But the term is often used loosely to include virtually any form of change; and, notwithstanding the growing literature on the subject, the form of innovation suitable for given contexts is not always easy to establish. What may be appropriate in advancing science education may not be the right approach if effective communication is the goal. This session will focus on best practices in science centre marketing and look for inspiration in art, festivals, theatre and design-thinking. A must for curators, marketers and educators looking for inspiration.

SPEAKERS

Jessica Hilliard, Marketing and Communications Manager, Science Gallery, Trinity College, Dublin, Ireland, @kikahill

Tuomas Olkku, Head of Sales and Marketing, Heureka – The Finnish Science Centre, Vantaa, Finland

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

Hans Gubbels, Director, Continium – Discovery Center Kerkrade, Kerkrade, The Netherlands

Svein Anders Dahl, Managing Director, ViilVite, Bergen Vitensenter AS, Bergen, Norway, @sanddahl

CAN WE PLEASE EVERYBODY?

12:00 – 13:15

HALL 4
CONVENTION CENTRE

REVERSE

LEARNING, EXPLAINERS &
VISITOR SERVICES

#hall4

CONVENOR

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

Most museums have more than one target group: young children, teenagers, school groups, families ... Problems arise when audience segments with conflicting needs compete for the use of our spaces and experiences: young children vs. teenagers, school groups vs. families, commercial venue hirers vs. general public ... The first half of this session will be dedicated to presentations from our speakers, each describing a situation of audiences with conflicting needs and outlining how they coped with it, whether successfully or not. The audience will then be divided into smaller groups each brainstorming on different tensions and solutions, before a collective wrap-up.

SPEAKERS

Marcus Heider, Head of Marketing and PR, FRida & freD – The Graz Children's Museum, Graz, Austria

Sofia Lourenço, Exhibition developer, Pavilion of Knowledge (Pavilhão do Conhecimento) – Ciência Viva, Lisbon, Portugal

Stephen Roberts, Public Programme Manager, The Natural History Museum, London, United Kingdom

Paula Bäckman, Head of Educational Development, Balthazar Science Center, Skovde, Sweden

RECORDING THE INTERACTIVE EXHIBIT DEVELOPMENT PROCESS

12:00 – 13:15

HALL 5
CONVENTION CENTRE

PANEL
EXHIBIT DEVELOPMENT

#hall5

CONVENOR

Christelle Guiraud, Exhibit Developer, Universcience, Paris, France

Designing and producing interactive exhibit is a complex process, involving many steps and variables. How do we keep a trace of it in order not to re-invent the wheel or repeat the same mistakes over and over? How do we record learning objectives, scientific content, technical challenges, materials, ergonomics, assembly drawings, user feedback etc? Are we bound to lose this information and know-how after the end of each exhibition? Can we create a repository without having to physically store exhibits? Should we have “collections” or databases of interactive exhibits? Our speakers will consider this question from different angles: exhibit development, evaluation, curation ... Participants will gain concrete tools to improve their exhibit design process and start building a “memory” of produced interactive exhibits.

SPEAKERS

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

Owain Davies, Creative Director, Techniquet, Cardiff, United Kingdom

Anne Prugnon, New Media Manager, Science Museum Group, London, United Kingdom

HANDS-ON SCIENCE WORKSHOPS: WOW-EFFECT vs. REAL SCIENCE

12:00 – 13:15

MAIN AUDITORIUM
CONVENTION CENTRE

PANEL
EXHIBIT DEVELOPMENT,
SCIENCE ♥ SOCIETY

#audi



CONVENOR

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

In our science centres or hands-on laboratories we aim to offer visitors a first-hand experience of the beauty of science. However, audiences signing up for a science workshop might expect something very different from real life scientific work. How to engage and fascinate them without crazy professor and exploding lab equipment? Should we find a trade-off between reproducing the reality of a scientific lab and creating spectacular wow-effects that make children's eyes glow? What science communication tools can make wow-effects arise by themselves? Approaches presented here range from open, unsupervised workshops on a science centre's floor to closed, supervised laboratory settings in a research institute.

SPEAKERS

Manuela Ringbauer, Project Manager, Vienna Open Lab, Vienna, Austria

Bethan Ross, Exhibition Researcher, International Centre for Life, Newcastle, United Kingdom

Tanja Nymark, Lead developer, Vetenskapens Hus (Stockholm House of Science), Stockholm, Sweden

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

Meie van Laar, Senior Project Manager Education, Science Learning Center, Science center NEMO, Amsterdam, The Netherlands

TINKERING: TRANSFORMING MUSEUM PRACTICE?

12:00 – 13:15

MAKERSPACE
CONVENTION CENTRE

PANEL
LEARNING

#MakerSpace

CONVENOR

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

Tinkering is increasingly being adopted by museums as a new way of engaging visitors into creative, highly experiential, science-oriented, learning-through-construction processes. Tinkering is more than just another type of informal learning activity; it can be a way to evolve our learning practice in museums and support 21st century competences. The session will explore the transformative potential of Tinkering, focusing on two questions: a) whether and in what sense Tinkering has changed facilitation, learning methodologies and practices in science centre and museum activities; b) how Tinkering can/does change the way we see Making or Engineering activities in museums, helping to go beyond the respective “making” or “problem-solving” aims of each of them.

SPEAKERS

Catherine Demarcq, Head of education, La Casemate, Grenoble, France, @CathyCasemate

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

Maria Xanthoudaki, Director of Education and of International Relations, Museo Nazionale della Scienza e della Tecnologia “Leonardo da Vinci”, Milan, Italy

REFUGEES AND MIGRANTS: SHARING INITIATIVES

14:30 – 15:45

GALLERY B+C
CONVENTION CENTRE

PANEL
EQUITY & INCLUSION,
SCIENCE ♥ SOCIETY

#gallBC

CONVENOR

Tomas Rehacek, Project Manager, Ecsite, Brussels, Belgium, @Tomas_Rehacek

This is the second of two back-to-back sessions on the topic of science centres and museums and the refugee situation, dedicated to lessons learnt from a series of ongoing initiatives. In the past few months, Europe has lived through one of the largest migration waves in its modern history. In wake of these latest developments, some science centres and museums are stepping in with initiatives, programmes and activities. How successful have they been and what kind of response have they received? What lessons can be learnt and shared?

SPEAKERS

Ronald Göbel, Scientific Assistant, Deutsches Museum, Munich, Germany

Marie-Christine Van der Sman, Director, Museon, The Hague, The Netherlands

Vincenzo Lipardi, CEO, Fondazione IDIS – Città della Scienza, Naples, Italy

21ST CENTURY FUNCTIONS FOR SCIENCE CENTRES AND MUSEUMS

14:30 – 15:45

HALL 1A
CONVENTION CENTRE

WORKSHOP

EQUITY & INCLUSION,
STRATEGY & VISION

#hall1A

CONVENOR

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

Science centres and museums today are playing an active part in gearing their audiences for the so-called “wicked problems” of the 21st century. They are also facing pressure to respond to challenges such as increased accountability, increased accessibility, and growing competition from other leisure experiences. In short, the 21st century requires a new set of outwardly justified capabilities if science centres are to remain relevant to their societies. This session begins by mapping out the range of new science centre functions that have emerged within the last years: the cultural, social, networking, political, economic, and symbolic functions, illustrated by a series of Pecha Kucha presentations. We then invite the audience to join a discussion on what it means to respond to 21st century requirements.

SPEAKERS

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

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

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

INTERNATIONAL STAFF DEVELOPMENT

14:30 – 15:45

HALL 1B
CONVENTION CENTRE

PANEL

EXPLAINERS & VISITOR SERVICES,
STRATEGY & VISION

#hall1B

CONVENOR

Owain Davies, Creative Director, Techniquet, Cardiff,
United Kingdom

Confident, experienced staff are rightly recognised as a key ingredient to operating a successful science centre. They are essential in all areas, from front of house explainer roles through to managerial and administrative staff. But how can we recruit and keep these high quality professionals within our small field, on tight budgets and short timescales? The network(s) of organisations we are all part of as science engagement employers can help spread knowledge and develop staff. This session will explore ways in which different organisations around the world have cooperated to create innovative, exciting professional development programmes that benefit employees, organisations and visitors.

SPEAKERS

Alina Natmessnig, Project Assistant, Science Center
Netzwerk, Vienna, Austria

Sawsan Dalaq, Director, The Children’s Museum Jordan,
Amman, Jordan, @SawsanDalaq

Wencke Maderbacher, Deputy Head of Department,
Museum Education, Technisches Museum Wien, Vienna,
Austria, @wenckevie

Owain Davies, Creative Director, Techniquet, Cardiff,
United Kingdom

JOIN THE READING GROUP

14:30 – 15:45

HALL 2
CONVENTION CENTRE

WORKSHOP

RESEARCH, THEORY &
EVALUATION

#hall2

CONVENOR

Marjelle van Hoorn, Association Manager, VSC
Association of Science Centers and Science Museums,
Amsterdam, The Netherlands

The aim of this workshop is to help participants access and implement published academic research by: increasing awareness of what research exists and how to access it; providing practical techniques to enable participants to read research quickly and easily; and setting up an informal reading group to encourage participants to read and discuss research throughout the year, inside the Ecsite Thematic Group for research and evaluation, the REV Group.

SPEAKERS

Marie Hobson, Research Manager, Heritage Lottery Fund,
London, United Kingdom, @mchobson

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

INTEGRATING SCIEN- TIFIC RESEARCH INTO EXHIBITION DEVELOPMENT

14:30 – 15:45

HALL 3
CONVENTION CENTRE

PANEL

EXHIBIT DEVELOPMENT,
RESEARCH, THEORY & EVALUATION

#hall3

CONVENOR

Sheena Laursen, Director of International Affairs,
Experimentarium, Hellerup, Denmark

It is well known that the planning and development of an exhibition is a complex task. Throw in a scientific research team and you’ve got yourself an (exciting!) challenge. How can the slow process of research feed into the faster momentum of exhibition development? When, where and how can we share findings, feedback and ideas inside exhibitions? What implications does more added research have on the exhibition development process? Do developers have to wait years for a peer reviewed article, or is there a better way for both researchers to collect and build data, and for developers to incorporate thoughts and suggestions in exhibition making? Hear from four organisations that have embarked on this journey.

SPEAKERS

Lydia Schulze Heuling, Researcher, Europa-Universität
Flensburg (EUF), Flensburg, Germany

Rikke Magnussen, Associate Professor, Aalborg University
Copenhagen, Copenhagen, Denmark

Maria Zachariassen, Research and Development
Assistant, Experimentarium, Copenhagen, Denmark

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

UNUSUAL PARTNER-SHIPS FOR EXTRA-ORDINARY VISITOR ENGAGEMENT

14:30 – 15:45

HALL 4
CONVENTION CENTRE

PANEL

EXHIBIT DEVELOPMENT,
STRATEGY & VISION

#hall4



CONVENOR

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

Cultural/ educational institutions frequently seek to reinvent their galleries and programmes to enhance visitor experience. Challenges faced during this critical process include ever-evolving audience expectations and practices and competition with fellow institutions but also amusement parks, cinemas, and in-home entertainment. Practices and philosophies from other visitor experience outlets can offer potential solutions. Our first speaker will discuss how the unique intersection of art, science, and university-based learning produced a conversation space currently expanding its model globally. We will then examine a cooperative master planning process involving experts from film, theatre and beyond. Finally we'll be addressing how gaming platforms and design can be integrated with science and cultural content.

SPEAKERS

Sarah Durcan, General Manager, Science Gallery International, Dublin, Ireland

Brad MacDonald, Creative Director, Free Agent, New York, United States, @bmack

Audrey Chang, Project Director, San Diego Museum of Man, San Diego, United States

INSTRUCTION PANELS FOR INTERACTIVES

14:30 – 15:45

HALL 5
CONVENTION CENTRE

WORKSHOP

LEARNING,
EXHIBIT DEVELOPMENT

#hall5



CONVENOR

Anna Schaefer, Head of Content and Research, Archimedes Exhibitions, Berlin, Germany, @aks1501

This workshop focuses on a very concrete topic: the text label or panel usually accompanying interactive exhibits. This panel commonly displays an exhibit title; some background (scientific) information; an instruction or challenge; and in many cases an accompanying graphic or illustration. Each speaker will first shortly present examples from their own projects, before participants form small groups rotating between different thematic tables, each dedicated to a specific aspect of panel development. Each group will jointly review the panels on show and suggest alternative solutions. The session will end with a short wrap-up from each group. Expect a dynamic, creative, and precise workshop.

SPEAKERS

Maria Serveta, Audience Researcher, Science Museum Group, London, United Kingdom

Lorna Williams, Head of Content, New Interactive Gallery, Science Museum Group, Bradford, United Kingdom

Esther Hamstra, Content Strategy and Development, NorthernLight Design, Amsterdam, The Netherlands

Ian Simmons, Science Communication Director, International Centre for Life, Newcastle upon Tyne, United Kingdom

ON TRIAL: THE EXPLAINER

14:30 – 15:45

MAIN AUDITORIUM
CONVENTION CENTRE

OTHER

LEARNING, EXPLAINERS &
VISITOR SERVICES

#audi

CONVENOR

Sharon Ament, Director, Museum of London, London, United Kingdom (also speaker)

The 'trial' format was first tested at the 2015 Ecsite Annual Conference, debating the role of school competitions. A Judge presided, lawyers presented their arguments, and the jury made a final decision. Due to popular demand the "trial" is back, this time examining the role of the Explainer. Following an initial address by the distinguished "Judge" Sharon Ament, the formidable Brad Irwin will speak for the prosecution. He will declare that Explainers should be invisible and that it's an outdated role in need of transformation. Leading the defence is the indomitable Maria Xanthoudaki. She will vehemently challenge this claim, highlighting the explainer's positive impact. Both "lawyers" will present important evidence and call expert witnesses to the stand. It will be up to you, the jury, to decide of the outcome.

SPEAKERS

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

Maria Xanthoudaki, Director of Education and of International Relations, Museo Nazionale della Scienza e della Tecnologia, "Leonardo da Vinci", Milan, Italy

DISSECT, HACK AND RE-IMAGINE ELECTRONIC TOYS – 3

14:30 – 15:45

MAKERSPACE
CONVENTION CENTRE

WORKSHOP

LEARNING

#MakerSpace

CONVENOR

Ryan Jenkins, Tinkering Studio Education Developer, Exploratorium, San Francisco, United States

Our series of daily hands-on activities will be dedicated to "twisted toys": electronic toys and the wonderful possibilities that they hold for making and tinkering. We will discover together what makes these toys move, make noise, and light up by taking them apart using tools such as screwdrivers, scissors, and saws to explore the inner circuitry and mechanisms. As we engage in the process of dissection, we'll capture observations, questions and discussions that come up during this workshop. After we've collected the parts and recorded the purposes on Thursday, we'll spend the sessions on Friday and Saturday remixing, hacking, and then repurposing these toys.

SPEAKERS

Sebastian Martin, Scientific Content Developer, Exploratorium, San Francisco, United States, @smartinseb

Lydia Beall, Tech Studio Program Manager, Museum of science, Boston, United States

Sabina Barucci, Project Manager at MUSE FabLab, MUSE – Museo delle Scienze, Trento, Italy, @sabinacucciba

GRAND AND COLOURFUL BAZAAR

16:30 – 17:45

GALLERY B+C
CONVENTION CENTRE

WORKSHOP

LEARNING, EXPLAINERS &
VISITOR SERVICES

#gallBC

 FOUNDATIONS

CONVENOR

Ed Sobey, Outreach Instructor, Teknikens Hus – Northwest Invention Center, Redmond, United States, (also speaker)

Colour-related hands-on science activities that beg active participation will be presented by science centre and museum experts from seven countries. Participants will test their colour vision, see how to break white light into a spectrum of colours, and generate and mix colours. They will be able to wander amongst the dozen or so activity tables, staying as long as they like and moving on to the next table as interest dictates. Consistently one of the most highly rated sessions at the Ecsite conference, the Grand Bazaar returns in a full range of colours.

SPEAKERS

Serdar Utku Kartal, Planetarian, Eskisehir Science & Experiment Center of Metropolitan Municipality and Sabanci Planetarium, Eskisehir, Turkey
Lana Shakespeare, Education Officer, International Centre for Life, Newcastle upon Tyne, United Kingdom
Yvonne Simon, Head of Guest Services, Swiss Science Center Technorama, Winterthur, Switzerland
Gurkan Yurekli, Science communicator, Eskisehir Science & Experiment Center of Metropolitan Municipality and Sabanci Planetarium, Eskisehir, Turkey

Eva Hofstad Hagen, Head of education, Vitensenteret i Trondheim (Trondheim Science Centre), Trondheim, Norway
Elisabetta Trentin, Educational Researcher & senior explainer, Gruppo PLEIADI, Padova, Italy
Pedro Pombo, Director, Fábrica Science Centre, Aveiro, Portugal
Thomas Kern, Programmdirektor, NaturErlebnisPark, Graz, Austria
Silvia Grabner, Director, NaturErlebnisPark – Science Education Center, Graz, Austria
Andrea Frantz-Pittner, CEO, NaturErlebnisPark Science Education Center, Graz, Austria
John Downey, Senior Educator / External Events Coordinator, Balthazar Science Center, Skovde, Sweden
Ian Russell, Director, Ian Russell Interactives, High Peak, United Kingdom
Anna Gunnarsson, Teacher/Developer, NAVET, Kinna, Sweden
Noel Jackson, Head of Education, International Centre for Life, Newcastle upon Tyne, United Kingdom

CAN WE SURVIVE WITHOUT INDUSTRY?

16:30 – 17:45

HALL 1A
CONVENTION CENTRE

PANEL

STRATEGY & VISION,
BUSINESS & FUNDRAISING

#hall1A

 FOUNDATIONS

CONVENOR

Sheena Laursen, Director of International Affairs, Experimentarium, Hellerup, Denmark

In our search for the best partnerships we collaborate with a broad group of industries, foundations, educational institutions and many more. In this session we share our experiences of partnerships between science centres and companies. We will look into questions such as: Do you need to remain 'neutral' in a partnership with a company? Why do we want this kind of partnership? What could be the ideal partnership? We will be hearing the two sides of the argument, as our speakers include both industry and science centre representatives. After short presentations there will be time for sharing expertise, learning from each other and brainstorming about what does work when partnering up.

SPEAKERS

Blanka Fijolek, CSR & Sponsorship Manager, Samsung Electronics Poland, Warsaw, Poland
Joanna Kalinowska, Sponsoring Specialist, Copernicus Science Centre, Warsaw, Poland
Marjolein van Breemen, Head of Learning & Research/ Science Learning Center, Science Center NEMO, Amsterdam, The Netherlands, @M_van_Breemen
Kim Gladstone Herlev, Executive Director, Experimentarium, Hellerup, Denmark

EU SCIENCE EDUCATION POLICY: WHAT'S NEXT FOR US?

16:30 – 17:45

HALL 1B
CONVENTION CENTRE

WORKSHOP

LEARNING, STRATEGY & VISION

#hall1B

 Edgy

CONVENORS

Maya Halevy, Director, The Bloomfield Science Museum Jerusalem, Jerusalem, Israel (also speaker)
Antonio Gomes da Costa, Independent Consultant, Comunicação em Ciencia Unipessoal Ida, Lisbon, Portugal

European science education policy has been hugely influential on science centres and museums. The whole inquiry-based science education movement wouldn't have happened without the "Rocard report". So the new 'Science Education for Responsible Citizenship' policy document from the European Commission will impact our professional lives. Let's explore the report's main recommendations and the new challenges and opportunities it brings. After a brief presentation of the report, we will split into groups to define lines of action for our institutions. Discussions will result in concrete recommendations.

SPEAKERS

Brad Irwin, Partnerships Development Manager, The Natural History Museum, London, United Kingdom
Justin Dillon, Pr. of science and environmental education & Head of School, University of Bristol, Graduate School of Education, United Kingdom, @JustinDillonUoB
Maria Xanthoudaki, Director of Education and of International Relations, Museo Nazionale della Scienza e della Tecnologia "Leonardo da Vinci", Milan, Italy
Amito Haarhuis, Deputy Director, Science center NEMO, Amsterdam, The Netherlands, @ AmitoH

RUNNING SUCCESSFUL INTERNATIONAL NETWORKS

16:30 – 17:45

HALL 2
CONVENTION CENTRE

REVERSE

#hall2

STRATEGY & VISION, BUSINESS &
FUNDRAISING

CONVENORS

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

Katrin Hieke, Head of Network Office, Ice Age Europe –
Network of Heritage Sites, Bonn, Germany (also speaker)

International networks are a growing part of our professional lives. We team up to face common challenges, learn from others, discover new approaches or ideas. Networks yield benefits that individual organisations couldn't achieve on their own. This session reveals first-hand experiences and best practices from different settings. Speakers share their successes and failures and provide tips and tricks to create networks or move them to the next level.

SPEAKERS

Cyril Dworsky, International Liaison Coordinator,
European Children's Universities Network EUCU.NET,
Vienna, Austria, @eucunet

Ramón Montes, Technical Coordinator, Cultural Route of
Council of Europe Prehistoric Rock Art Trails, Luxembourg,
@ramonmontesbarq

Roeland Paardekooper, EXARC Director, EXARC, Leiden,
The Netherlands, @exarc_net

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

Ilaria Valoti, Travelling exhibitions coordinator, Muséum
de Toulouse, Toulouse, France

A VISION FOR ART IN SCIENCE CENTRES AND MUSEUMS

16:30 – 17:45

HALL 3
CONVENTION CENTRE

PANEL

#hall3

MARKETING & COMMUNICATION,
STRATEGY & VISION



Edgy

CONVENOR

Nicole Lössner, Concept, Archimedes Exhibitions, Berlin,
Germany

Science centres and museums are increasingly using art as a medium to convey specialised knowledge and content to a broader public – a popular and still complex trend. We will be discussing the integration of art and cooperation with artists in scientific exhibitions as an innovative form of science communication. Is it a way to reach new audiences and target groups? What kind of events can result from the interaction of art and science? What are the boundaries of merging the disciplines? Which topics are most suitable for this cooperation? How do visitors react to these experiences? Do their expectations match up with those of the exhibition teams and artists?

SPEAKERS

Desiree Vaccarini, Audience Researcher, Science
Museum Group, London, United Kingdom

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

Irena Cieślińska, Head of Education and Science
Communication Department, Copernicus Science Centre,
Warsaw, Poland

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

Jakub Svrcek, Director, Dolní oblast VITKOVICE / Lower
VITKOVICE, Ostrava, Czech Republic

STUDENT-CURATED EXHIBITIONS

16:30 – 17:45

HALL 4
CONVENTION CENTRE

WORKSHOP

#hall4

LEARNING,
SCIENCE ♥ SOCIETY

CONVENOR

Paul Hix, European Projects, Deutsches Museum,
Munich, Germany

Exhibitions provide great insights into scientific topics. But doesn't being involved in the development of an exhibition allow an even deeper understanding of a question? Shouldn't we make this experience accessible to young people? Student Curated Exhibitions (SCEs) are also excellent opportunities for cooperation, bringing together teachers, students, local scientists, museum experts and other partners in the curation process. A fertile ground for fostering Responsible Research and Innovation (RRI) amongst all participants. This workshop will start with an introduction to the rationale of SCEs, focusing on motivation, learning benefits and challenges. Participants will then attend three interactive stations showing exemplary approaches to SCEs and the session will conclude with a group discussion.

SPEAKERS

Giulia Tasquier, Postdoc Student, University of Bologna, Italy
Pedro Reis, Associate Professor at University of Lisbon
(Institute of Education), Institute of Education – University
of Lisbon, Lisbon, Portugal

Sherman Rosenfeld, Science Educator, Clore Garden
of Science – Davidson Institute of Science Education,
Rehovot, Israel

Lorenz Kampschulte, Scientific Staff, IPN – Leibniz Insti-
tute for Science and Mathematics Education, Kiel, Germany

WORKING WITH AUDIENCES WITH SPECIFIC NEEDS: HOW AND WHY?

16:30 – 17:45

HALL 5
CONVENTION CENTRE

OTHER

#hall5

EQUITY & INCLUSION,
STRATEGY & VISION



FOUNDATIONS

CONVENOR

Nathalie Puzenat, Exhibit Developer, universcience, Paris,
France, @renoov

How can science centres and museums work with audiences with specific needs and develop an offer in line with their expectations? How can these cooperations bring more than higher visitor numbers from a more diverse audience? Participants are invited to take part in a role play. Four different case studies will be briefly introduced, after which attendees will be retracing the steps taken by these four museums and science centres, and think about programme, timescale and other challenges encountered on this collaborative "design for all" journey. We will be offering both an emotional and a practical approach, aiming to challenge attitudes and to critically question the choices and changes that museums and science centres will need to make in this area.

SPEAKERS

Magali Le Goff, Palais de la Découverte Accessibility
(Universcience), Universcience, Paris, France,
@Magalilegof

Christian Fedon, PhD Student, University of Trieste,
Trieste, Italy

Bernd Holtwick, Assistant Director, DASA, Dortmund,
Germany

Anne Prugnon, New Media Manager, Science Museum
Group, London, United Kingdom

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GENERAL OPEN STAGE

16:30 – 17:45

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SCIENCE ♥ SOCIETY

#audi

CONVENORS

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

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

After a successful first edition in 2015, the Open stage is back! In this session, speakers have exactly four minutes on stage and a video projector at their disposal to share experiences, epiphanies, projects, opinions etc with other participants. Look for the speakers' list in the online programme!

FROM MAKERSPACE TO SPACE OF BECOMING – 2

16:30 – 17:45

MAKERSPACE
CONVENTION CENTRE

WORKSHOP LEARNING

#MakerSpace
Edgy

CONVENORS

Agnes Bauer, Psychologist, ZNL TransferZentrum für
Neurowissenschaften und Lernen, Ulm, Germany

Jochen Hunger, Scenographer, jh Museum & Exhibition
Design, Erlangen, Germany

Not everyone is a maker, yet everyone “makes” him- or herself through a process of learning. We acquire knowledge from different fields through different channels, in distinct places, with selected people and at certain times. This workshop will enlarge our understanding of the powerful yet specific settings that have a lasting impact. In this second part (join us for part 1 on Thursday at 12:00), we'll move from the psychological aspects to the design and operations of spaces of becoming. Speakers will present examples of ongoing projects and together we'll examine the Ecsite conference MakerSpace of the previous three days to see how it fits the description of a space of becoming.

SPEAKERS

Rauno Bergman, Inspirer, Heureka – The Finnish Science
Centre, Vantaa, Finland

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

Gène Bertrand, Head of Program and Co-operations,
Continium – Discovery Center Kerkrade, Kerkrade,
The Netherlands

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

CLOSING & HANDOVER CEREMONY

18:00 – 18:40

MAIN AUDITORIUM
CONVENTION CENTRE

OTHER

STRATEGY & VISION

#audi

Say goodbye to our three 2016 hosts and hello to the Hall of Biodiversity – Ciência Viva team who will be welcoming in Porto for the 2017 Ecsite Annual Conference (15-17 June 2017).

FAREWELL PARTY

21:00 – 02:00

KUNSTHAUS

Look forward to a relaxed party in the heart of the city centre, concluding the intense conference week in an artistic atmosphere. More on page 156.

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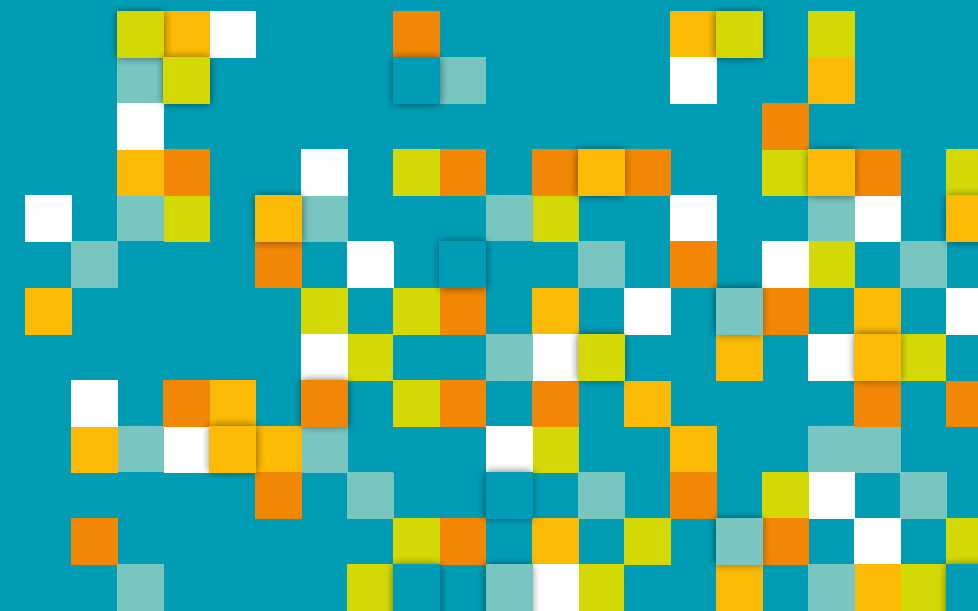
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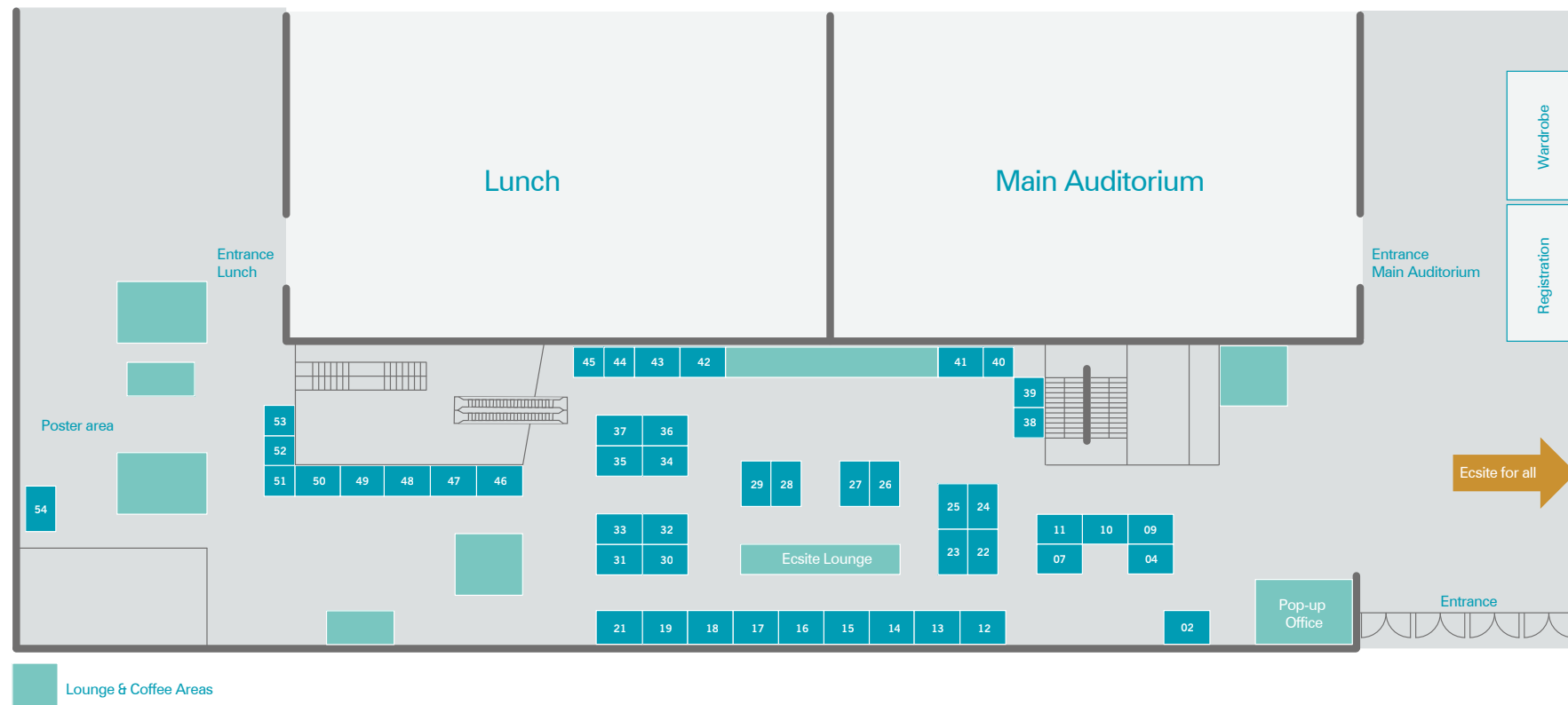


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CONVENTION CENTRE
Messeplatz 1, 8010 Graz

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.

- **Opening hours:**
Thursday 9 June: 11:00 – 17:45
Friday 10 June: 09:00 – 19:00
Saturday 11 June: 09:00 – 16:30

Pop-up office

The pop-up office is a quiet place to work. Located on the left of the main entrance, this small office is the ideal space to catch up with urgent work, burning emails or perhaps that book you cannot put aside. Bring your own laptop or tablet and enjoy the large communal table and available electricity plugs.

This place is not meant for meetings, but you are free to use the Business Bistro's other lounge areas for one-on-one chats and the two meeting rooms on offer for bigger assemblies (see practical information section).

- **Opening hours:**
Thursday 9 June – Saturday 11 June:
9:00 – 17:45, available on a first come first served basis

The Ecsite Lounge

Ecsite is more than a conference! Meet our friendly team at the Ecsite lounge and discover a wealth of services like the Spokes magazine, the EXTRA marketplace for touring exhibitions, or Ecsite-led European collaborations.

02

EXPO Booking by Buster

Expo Booking by Buster is a mobile friendly online booking system built from the ground up in cooperation with established science centres. A common base and open approach encourages collaboration and help venues to learn and benefit from each other.

Book a demo with us at Ecsite in Graz through www.expobooking.info or meetus@expobooking.info



04

EuroScience Productions GmbH

EuroScience's full-service operation of approx. 80 touring exhibitions per year is continuously creating a valuable pool of experiences as to function, stability and joy factor of each constructed element. At the moment, about 120 different approved exhibits and some dozens of mathematical games are on offer. The exhibits spark interest in children and adults of all ages, animating them to join in, experiment and discuss. People's spirit of research and natural curiosity are catered for an easy atmosphere, enabling desired activities and scientific learning at the same time.



07

AGT – Ancient Greek Technology Touring Exhibition by Kostas Kotsanas

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 "Archimedes Museum" in Olympia Greece. The Curator of our travelling exhibition is Mr Kostas Kotsanas himself, the visionary creator of both museums. Mr Kotsanas, after years of study and tests, brought to life more than 300 inventions of the ancient Greeks. Our travelling exhibition consists of more than forty representative exhibits.

For more information please contact Mr Agis Grigoriadis (agapios_agt@yahoo.gr, tel. 0030 210 453 7588 -- mob. 0030 698 072 0438).



09 & 10

Science Projects

Science Projects is one of the UK's leading providers of interactive exhibitions and exhibits. For thirty years they have been continuously designing and building hands-on exhibits for venues around the world reaching out to millions of visitors. Their experience comes not only from years of making exhibits, but they've also run their own science centre since 1995 (www.the-observatory.org) and travelling exhibitions.



11

Engineered Arts Ltd

Engineered Arts are experts in the design and manufacture of interactive humanoid robots, RoboThespian and SociBot, used for science communication, entertainment and research applications. Trusted by customers such as NASA, UNC at Chapel Hill and the National Science Museums of Spain, Thailand, Australia and Macau, our robots suit a range of budgets and expectations. Our robots' power lies in their sociable qualities, the ability to detect faces, features, emotions, and gestures whilst engaging and communicating with the user.



12

MIT LOIDL ODER CO. GRAZ

We work on all steps towards realising an exhibition, from the very first moment. We can provide assistance in researching and finding the structure. We are planning and designing exhibitions. There's a lot of experience in making hands-on models and realising artworks for artists, as well as in art handling and in setting up an exhibition. Our focus is on hand-made, technical models and installations.

MIT LOIDL ODER CO. GRAZ

13

Sertek Exhibitions

Sertek Exhibitions is a design, engineering and technology firm, developing and fabricating interactive exhibitions for museums, science centers, theme parks and shopping malls. We provide services both as turn-key as well as partial solutions. We design and build thematic environments, content-rich and high-tech interactive exhibitions. With a visitor- and customer-centered approach, Sertek is a unique visionary firm in the field of interactive exhibitions.



14

JCOM

JCOM is an open access journal on science communication. Since the world of communication and the scientific community are now undergoing a rapid transition, JCOM wants to provide some theoretical guidelines both for scholars and practitioners in the field of public communication of science and technology. JCOM wants to contribute to this identity by adopting a free circulation of information and non-eurocentric perspectives, encompassing heterogeneous visions such as gender studies, social history and action-research.



15

2017 Ecsite Annual Conference in Porto

The Natural History and Science Museum of the University of Porto and Ciência Viva welcome you to the 2017 Ecsite Annual conference, the 28th edition of the ultimate conference for science engagement. Meet us in one of the most vibrant historical cities in Europe: Porto. Taking up “Life Everywhere” as a motto, we invite you to celebrate life, celebrate the extraordinary diversity of forms evolving in our planet for millions of years. Join our Saint John's party during the business bistro happy hour and get a glimpse of next year's conference during the closing and handover ceremony.



16

Hüttinger Interactive Exhibitions

Hüttinger is a one-stop shop for exhibition planning, design and fabrication, working for clients 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.



17

Interspectral AB

Interspectral creates intuitive interactive visualisation experiences based on 3D-surface and volumetric data. We enable our customers to exhibit amazing 3D-representations of animals, human anatomy and cultural heritage objects. We deliver our content and our software Inside Explorer together with touch tables to create amazing additions to your exhibits. We work closely with the world's leading museums and Science Centres with the mission to make museum environments more interactive and exciting.



18

Museum of New Zealand Te Papa Tongarewa

Te Papa, the national museum of New Zealand, brings you blockbuster science exhibitions. The Bug Mad Bug Lab is a science exhibiton like no other, presented by the incredible bugs themselves. Developed in partnership with Oscar winning Weta Workshop, visitors will marvel at ultra detailed models of bugs, explore cutting edge science and participate in unforgettable immersive experiences. Whales: Tohora has been seen by over 2.5 million visitors in North America. Rich with real whale objects, interactive science and cultural storytelling – Whales brings your visitors eye to eye with these magnificent marine mammals.



19

Renko Ltd

Renko Ltd is located in Ankara, Turkey. Business activities are conducted in four major areas: Digital ID solutions; photographic services; design and manufacturing of physics laboratory testing equipment and primarily, research, development and construction of exhibits for science museums. Renko is also actively involved in helping universities, schools and cities to build and operate science museums across Turkey.



21

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. We are now touring: Leonardo da Vinci, Cats & dogs, To risk or not to risk, Darwin the original from Fall 2016. Currently under development: Cold, Fire, FX. For more details on the exhibitions visit: www.universcience.fr/exhibitionservices/



22

maltbie, a kubik company

Kubik Maltbie is an experienced fabricator of museums, visitor centres and exhibition projects throughout the United States and internationally. We provide a full range of fabrication and production services; with that and an unparalleled team of expertise and technical abilities within the museum field we are confident in our company's ability to rise to any challenge. Visit us at booth #22 to discuss your next project or request additional information.



23

Science Gallery International

Science Gallery International tours Science Gallery exhibitions to science centres, art galleries and cultural centres worldwide. Addressing challenging subjects from what it means to be human and how we are affected by the need for increasing secrecy, to how our brain is fooled by visual illusions and why are we so drawn to sound and music? Our touring exhibitions programme covers a wide range of subjects and for a broad audience with an emphasis on the hard to reach 15-25 age range.



24 & 25

Sky-Skan

Sky-Skan, an Ecsite Corporate Partner since 2002, is a global leader offering innovative and multi-media products and services to communicate science using cutting edge visualization 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 the edge of the known universe. Please stop by our booth to say hello.



26

Techniquet

Techniquet is the UK's longest established Science Centre. We welcome over 250,000 visitors a year to our sites & our mission is to educate & inform thousands more through educational programmes & outreach. We provide exhibits, programmes & consultancy around the world. Our team have expertise in the design & manufacture of exhibits, educational programming & the operational management of a world-class visitor attraction. We pride ourselves on a partnership-based approach & have the skills to deliver high quality results.

TECHNIQUEST

27

IEN & Tempora

IEN and Tempora, specialised in concept, design and management of exhibitions and cultural events announce their collaboration for the production of "Pompeii's Chronicles", the new scientific exhibition about Pompeii. The Exhibition reveals the knowledge of the Romans in Nature, Science and Technology and their heritage in present life. Developed with the scientific contribution of the Galileo Museum, the exhibition is an exciting edutainment journey through time and space. Visitors will discover the secrets that made Romans the most powerful Empire of Antiquity.



28

Robetoy

Robetoy is a toy wholesaler company based in Gothenburg, Sweden. The reason why we visit Ecsite every year? We want you to have high margin products suitable to your museum. We want your visitor to bring home a piece of the experience from visiting your museum. We want you to offer knowledge, not only in the museum but also when the visitor is playing at home. See you!



29

Heureka Overseas Productions Ltd

Since 1989 Heureka has produced 28 touring exhibitions. Our exhibitions have travelled to 27 countries and over 25 million people worldwide have seen them. Heureka goes crazy, the first-ever science centre exhibition on mental health, will be available for touring starting autumn 2016. This exhibition aims to dispel prejudices associated with mental health problems and to encourage people to take care of their own well-being. In addition we are now touring 20X0 – A Journey into the Future; Move and Play!, Children's Heureka and The Dinosaurs.



30

American Museum of Natural History

The American Museum of Natural History is a leading provider of inspiring and 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, 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 40 countries on six continents.



31

Informationlab

Informationlab is a tag that identifies the collaborative efforts of an international group operating at the shifting intersection of art, science, technology & design. Since 2004 its founders Auke Touwslager (NL) and Ursula Lavrencic (SLO) have seen their efforts being adopted and appreciated by different fields and audiences. As a result, their work found its way to an international art community and to science museums and galleries around the world. Most of the group collaboration is based on curiosity driven research which subsequently lead to a variety of (art) installations, publications, workshops and lectures.

Informationlab

32

Pavilion of Knowledge

The Pavilion of Knowledge - Ciência Viva (PCCV) 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 everyone. The PCCV is now working intensively on the conception and production of interactive exhibitions, autonomously or in association with other international science centres.



33

The Natural History Museum London

The Natural History Museum's International Engagement team offers consultancy services and touring exhibitions to institutions worldwide. Exhibitions feature the world-renowned Wildlife Photographer of the Year, crowd-pleasing dinosaurs exhibitions as well as specimen-rich exhibitions like Sexual Nature. New exhibition projects which feature unique objects from our extensive collections are currently in development. As a leading international research institution, our work draws on the experience and expertise of the 300 scientists working at the Museum.



34

MUSEKO

We help science centres and museums to engage their visitors by delivering extraordinary, functional and meaningful exhibitions in an entertaining and exciting way. While being able to provide turnkey solutions including all aspects of modern exhibition methods, MUSEKO's core expertise is design, engineering, production and fit-out of interactive exhibits. Our agile team of 30 designers, engineers and project managers has delivered over 75 exhibition projects since 2004. We are passionate about complex exhibition challenges – "impossible" does not exist in our dictionary!



35

Archimedes Exhibitions

Archimedes Exhibitions designs multisensual experiences in three-dimensional space. For this, we develop and realise interactive experience platforms and exhibits, scenographies, and exhibitions that appeal to all five senses. Our customers include science centres, international companies, museums, research institutions all over the world, and even the German Parliament. Archimedes develops location-based shows but also tours its exhibitions across the globe.



36

Skypoint Planetariums

Skypoint is a specialised company in astronomical instruments and planetariums, one of the biggest companies in Europe for professional observatories, schools, universities and science centres. We have installed more than 120 planetariums including 8K systems. The planetarium division, Skypoint Planetariums, represents the leading company Evans&Sutherland in all of Europe. Skypoint Planetariums 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.



37

Museum of Science

The Museum of Science is committed to deepening the public's relationship with science, engineering and technology by leading efforts throughout the United States and abroad, in both formal and informal educational arenas, to redefine the roles that science centres can play. The Museum of Science has developed world class engineering curriculum; engaging and hands on exhibits that explore computational thinking (Pixar); Design Challenges that lead the field in gender equity engagement; and compelling Planetarium Digital Dome productions. The Museum seeks international partners to empower all of our community to participate in STEM activities.



38

Techmania Science Center

Techmania means an infrastructure on 30,000 sq.m2, new Science Centre and 3D Planetarium, exhibition area of 10,000 sq.m2, 1/4 of million curious visitors per year, interactive exhibits, venue for shows, workshops, laboratories and maker space, the 2D/3D full dome projections, the Science On a Sphere technology. Techmania offers a wide portfolio of activities on business field as the development, fabrication and rent of the exhibitions and the development and production of 2D / 3D movies for fulldome projection. All this by respecting and following reliable partnership rules.



39

Institute for Plastination e.K.

With more than 40 million visitors, the BODY WORLDS Exhibitions are among the most popular traveling exhibitions in the world. Created by Dr. Gunther von Hagens and Dr. Angelina Whalley, these anatomical exhibitions of real human bodies are made possible through an established body donation program. New iterations incorporate special health themes and the latest medical research. BODY WORLDS exhibitions illustrate the resilience, fragility and wonder of the human body. Recognized by many museum partners and sponsors for their value in health education, the exhibitions are an ideal tool to promote preventive healthcare in every body.



40

Musealia

Musealia is a European company dedicated to creating and managing special travelling exhibitions for museums and cultural venues all over the world. With over 15 years of experience, our exhibitions are characterised by their strong narrative focus and their emotional touch. More than two million people have experienced our exhibitions in any of the 40 museums and institutions we have worked with.



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

MEGALODON
CREATIONS

42

Bruns

Bruns is specialised in the development, production and installation of innovative mechanical, electromechanical interactive exhibits and complete (interactive) exhibitions for science centres, museums and information and visitor centres, including maintenance. We also realise showcases including lighting. With an approach of engineer and build on a very wide scale, we have a full concept approach where we develop the exhibits and exhibition together with: client – designer – Bruns (engineering/fabrication).

BRUNS

43

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.



44

Österreichische Forschungsförderungsgesellschaft FFG

BMVIT supports people in research and development during their whole career. Talente regional, a program carried out by the FFG, offers incentives to foster cooperation between schools and research institutes in a certain region, in order to interest children and adolescents in science and technology, research and development.



45

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.



46

Effektschmiede GmbH

We work with natural physical phenomena. We conceive and create installations for science centres, gardens and parks as well as 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 respond to 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.



47

Imagine Exhibitions, Inc.

Imagine Exhibitions, Inc. is the global resource for all aspects of exhibitions and attractions. From design to creation, placement to presentation, marketing and operations, Imagine has the experience and inspiration to bring the best possible experience to any venue. Imagine is currently producing and touring over 25 exhibitions in museums, science centres, aquariums, integrated resort properties and non-traditional venues throughout the world. For more information, visit www.imagineexhibitions.com or visit the Facebook page at www.facebook.com/ImagineExhibitions.



48 & 49

The European Space Agency

Since 1975 the European Space Agency, 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.



50

FRida & freD – The Graz 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. We support you in the following tasks: Brainstorming, design, development, production, scheduling, budgeting, personnel deployment, project planning and organisation, team management and controlling.



51

Hands On! International Association of Children in Museums

Hands On! strives to act as a global leader, advocate and resource for organisations serving the learning needs of children. Hands On! heightens the visibility and recognised value of children in museums by branding museums as relevant places of learning and developing large-scale initiatives such as the Hands On! Conference and the Children in Museums Award. Hands On! aims to make children's museums, science centres and museums meaningful places for children.



53

ScienceCenter-Network Austria

The Austrian-wide ScienceCenter-Network comprises >160 partners with an interest in hands-on science engagement. Diversity is our asset: science centres and museums, research organisations, educational institutions, teachers as well as artists all cherish the open exchange and learning within the network. We also work together in projects like the network exhibition "Wirkungswechsel" that you can visit during the Nocturne. The non-hierarchical network is cared to by the association ScienceCenter-Network, co-host of this conference. Come to our booth to learn more about our partners, activities and unique structure!



54

SC Exhibitions

SC Exhibitions stands for Semmel Concerts Exhibitions. We're named after CEO Dieter Semmelmann, who founded the company in 1991. We are the producer and international tour presenter of the touring exhibition "Tutankhamun – His Tomb and His Treasures" or "The Discovery of King TUT" in the US market, and also leading local host for exhibitions in Germany, Austria and Switzerland. We are the producers of The Touring Exhibitions Meeting, a conference dedicated for touring exhibitions professionals and suppliers. For more information, visit our website: www.sc-exhibitions.com.



MUSEUMSPARTNER

International turnkey travelling exhibitions



THE VIKINGS



THE ICEMAN



THE ICEMAN



KINGDOM OF SALT

Working together with international museums, MuseumsPartner has produced and circulated numerous exhibitions, including The Iceman, Kingdom of Salt and The Vikings. Our exhibitions have visited many countries worldwide, attracting more than four million visitors.

Our range of topics includes archaeology, history, ethnology and art history, and we are constantly adding new and exciting topics. We offer these exhibitions under a unique turnkey contract that guarantees our clients a fixed, no-surprise investment for their projects.

Our extensive background in fine-art transport delivers strong expertise in project management, logistics and financial management to our partners. We are a certified member of ICEFAT (International Convention of Exhibition and Fine Art Transporters), which warrants the highest possible standard of international service.

www.museumspartner.com

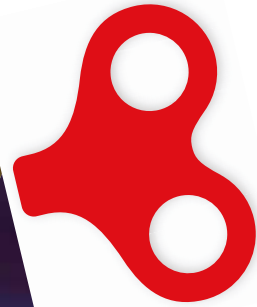
Museums Partner

www.museumspartner.com

**Cooperation with
flying colors!**

Find us at booth 34

MUSEKO
FOR MUSEUMS & SCIENCE CENTRES



**CONFERENCE
VENUES**



For nearly 50 years, Sky-Skan innovations have defined the immersive theater experience. We create award-winning technology and content for planetariums, science centers, attractions, and multidisciplinary installations across the globe.

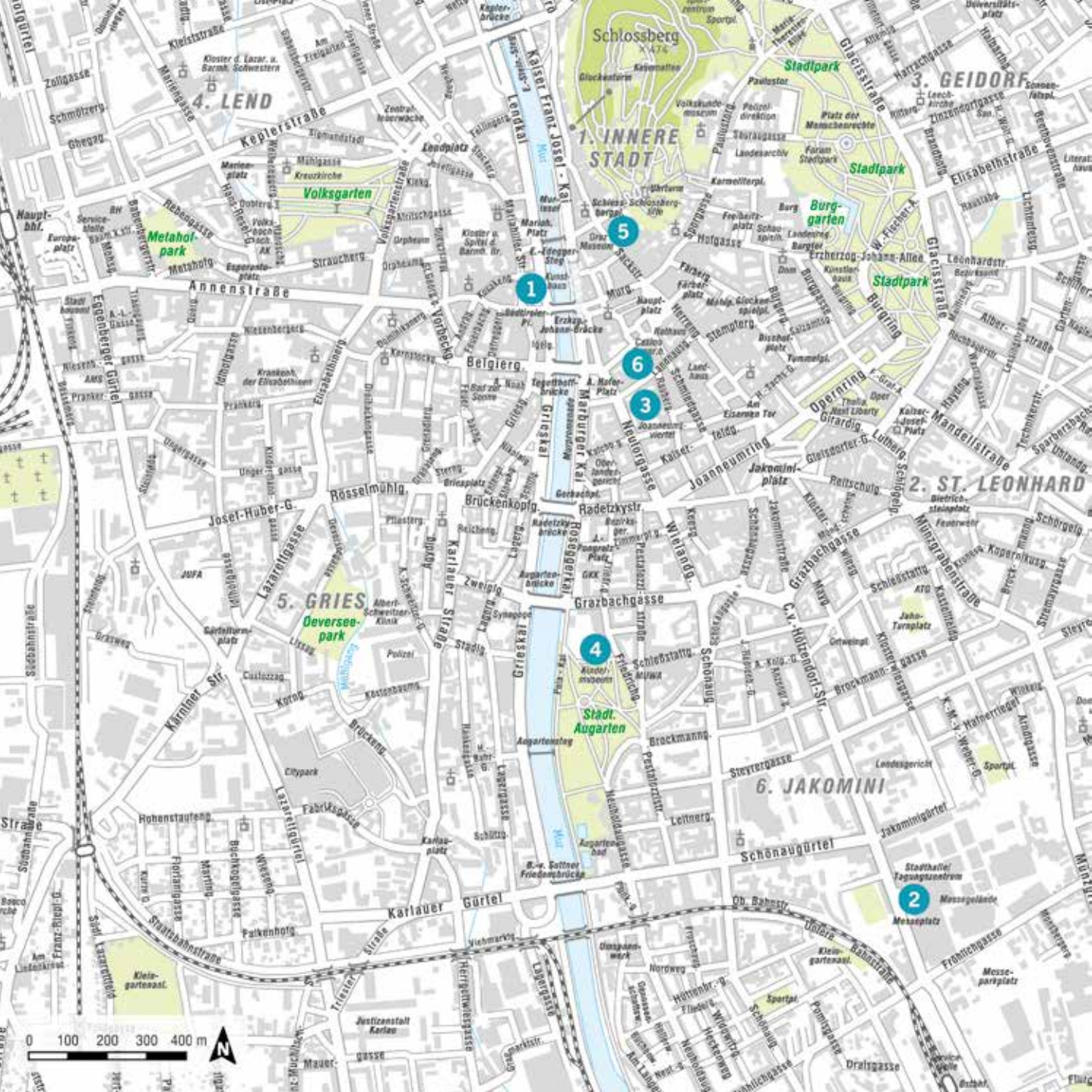
Celebrating 15 years as an ECSITE corporate partner.

Come and visit us at booth 24 & 25

Planetariums and more ...



CONFERENCE VENUES – OVERVIEW



Pre-conference registration

7 June, 8:00 – 17:30

8 June, 8:30 – 14:00

Kunsthaus Graz 1

Main conference registration

8 June, 16:00 – 17:30

9 June, 08:00 – 18:00

10 June, 08:30 – 17:30

11 June, 08:30 – 17:00

Messe convention centre 2

Pre-conference workshops day 1

7 June, 9:00 – 17:45

Joanneum Quarter 3

- Partnering up for Citizen Science
- Accessing and implementing research findings

Kunsthaus Graz 1

- Developing and sharing “Space for Life” resources
- Developing, prototyping & hacking science games
- Putting RRI into practice
- Shaping the future of facilitation in science museums

Museum im Palais 5

- Cooperating with communities for mutual benefit

Pre-conference workshops day 2

8 June, 09:00 – 17:45

Joanneum Quarter 3

- Connecting visitors with real nature
- Accessing and implementing research findings
- Advancing the children’s museums field

Kunsthaus Graz 1

- Using Tinkering to collaborate with communities
- Developing and sharing “Space for Life”resources
- Shaping the future of facilitation in science museums
- Making the most of national and trans-national networks

Speakers Reception

8 June, 18:30 – 20:30

FRida & freD – 4

The Graz Children’s Museum

Main Conference

9–11 June

Messe convention centre 2

Newcomers Breakfast

9 June, 8:00 – 10:00

Messe convention centre 2

Gala Ball

9 June, 19:30 – 24:00

Congress Graz 6

Business Bistro Happy Hour

10 June, 18:00 – 19:00

Messe convention centre 2

Nocturne

10 June, 20:00 – 24:00

Joanneum Quarter 3

Farewell Party







11 June, 21:00 – 2:00

Kunsthaus Graz 1

MESSE CONVENTION CENTRE



Messe convention centre

-  Messeplatz 1, 8010 Graz
-  Station Stadthalle, Tram Line 4
-  **Wifi:** network: ecsite / password: graz2016
-  **Will be taking place here:**
 -  all sessions of the main conference (9–11 June), as well as the **Business Bistro** and the project **“Ecsite for all”**.
-  Located very close to the centre of Graz, the Messe Congress will house the three days of the main conference: plenary sessions, Business Bistro, lunch area and session rooms. This purpose built, high-tech Conference facility is architecturally unique, with its spectacular roof construction and flexible space open on all sides.

KUNSTHAUS GRAZ



Kunsthaus Graz

- 📍 Lendkai 1, 8010 Graz
- 🚊 Station Südtiroler Platz, Tram Lines 1, 3, 6, 7
- 📶 **Wifi:** City Access (no password required)

➤ Will be taking place here:

Tuesday 7 June: pre-conference workshops

- Developing and sharing “Space for Life” resources
- Developing, prototyping & hacking science games
- Putting RRI into practice
- Shaping the future of facilitation in science museums

Wednesday 8 June: pre-conference workshops

- Using Tinkering to collaborate with communities
- Developing and sharing “Space for Life” resources
- Shaping the future of facilitation in science museums
- Making the most of national and trans-national networks

Saturday 11 June: Farewell Party

- 📖 Nicknamed “Friendly Alien” by its architects, Graz’s famous architectural landmark contrasts with the old town’s baroque architecture and offers a unique view over the rooftops of the Styrian capital. The Kunsthaus puts on a rich contemporary arts programme: architecture, design, painting, sculpture, photography, new media and film. The biomorphic building also houses Camera Austria, a specialised photography institute.

Current exhibitions:

- **The Painter’s Cabinet**
Terry Winters’ Dialogue with Nature
- **Bittersweet Transformation**
Alina Szapocznikow, Kateřina Vincourová and Camille Henrot

please
shorten
2 lines

JOANNEUM QUARTER



Joanneum Quarter

📍 Entrance via Kalchberggasse or Landhausgasse

🚊 Station Hauptplatz/Congress,
Tram Lines 1, 3, 4, 5, 6, 7

📶 **Wifi:** City Access (no password required)

> **Will be taking place here:**

Tuesday 7 June: pre-conference workshops

- Partnering up for Citizen Science
- Accessing and implementing research findings

Wednesday 8 June: pre-conference workshops

- Connecting visitors with real nature
- Accessing and implementing research findings
- Advancing the children's museums field

Friday 9 June: Nocturne

i The Joanneum Quarter is a multi-faceted cultural centre at the heart of the city, combining museums, an underground visitor centre and spaces for open air events.

Current exhibitions:

- **Interdependencies**
An interactive travelling exhibition by the ScienceCenter-Network
- **Globetrotters**
New fauna and flora among us
- **Toads, Snakes & More**
In Our Gardens to Look For
- **Good Old West Berlin**
Günter Brus and the Berlin of the 1970s
- **Richard Kriesche**

Permanent exhibitions:

- **Natural History Museum**
- **Neue Galerie Graz**
From the Collection
Landscape painting from Waldmüller to Thöny

MUSEUM IM PALAIS











Museum im Palais

- 📍 Sackstrasse 16, 8010 Graz
 - 🚊 Station Hauptplatz/Congress, Tram Lines 1, 3, 4, 5, 6, 7
 - 📶 **Wifi:** no Wifi connection
 - **Will be taking place here:**
 - Tuesday 7 June, pre-conference workshop**
 - Cooperating with communities for mutual benefit
 - i The palais (townhouse) at Sackstrasse 16 is named after its last aristocratic owners, the Counts of Herberstein, and is one of the most important historic buildings in the old part of Graz. Since 2011, the Palais Herberstein has been the new home of the Cultural History Collection, at the “Museum im Palais”. It accommodates not only the permanent exhibition, but also the Collection’s temporary exhibitions.
- Current exhibitions:**
- **The River Mur – A Cultural History**
This special exhibition is part of a thematic focus, “Landscape”, spreading over several locations. It explores the relationship between people and Styria’s largest river, the Mur.
- Permanent exhibitions:**
- The exhibits on show relate to political power, aristocratic lifestyle and court education, and have a close historical link with Styria or Graz.

FRida & freD – THE GRAZ CHILDREN'S MUSEUM








FRida & freD – The Graz Children's Museum

-  Friedrichgasse 34, 8010 Graz
-  Station Neuholdaugasse/Augartenbad, Tram Line 5
-  Station Museum der Wahrnehmung, Bus Line 34
-  Station Gebietskrankenkasse, Bus Lines 30, 31, 32, 33, 35, 39, 40
-  Station Griesplatz-Zweiglgasse, Bus Lines 39, 67
-  **Wifi:** City Access (no password required)
-  **Will be taking place here:**
 - Wednesday 8 June**
 - Speakers Reception
-  FRida & freD is housed in a uniquely designed building, located half way between the historical centre of Graz and the Messe convention centre. This house for children is surrounded by the beautiful Augarten Park, a local recreation area for families and young people. FRida & freD offers younger audiences interactive and immersive experiences on complex topics. The travelling exhibitions developed by FRida & freD are shown internationally in children's museums, science centres and museums.
- Current exhibitions:**
 - **Inventions**
From Zany to Brainy! Ingenious inventions, exciting tinkering and crazy sudden inspirations ...

CONGRESS GRAZ •



Congress Graz

-  Albrechtgasse 1, 8010 Graz
-  Station Hauptplatz/Congress,
Tram Lines 1, 3, 4, 5, 6, 7
-  **Wifi:** network: ecsite / password: graz2016
-  **Will be taking place here:**
Thursday 9 June
 - Gala Ball
-  Inaugurated in 1885, the Congress Graz building houses the Stefaniensaal, considered one of the world's best concert halls. Climb its impressive staircase and waltz away under its rich stuccoed ceilings.

PRACTICAL INFORMATION

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GETTING AROUND



Rent a bike

Discover Graz in a sporty way and rent a bike directly at the registration desk in the Messe convention centre.



Public transport

It's easy getting around in Graz with the Graz Linien. You can buy your reduced conference ticket at the Ecsite welcome desk at the airport, the train station or at the registration desk at the Kunsthhaus as well as at the Messe convention centre.

- 4-day ticket: € 9.40
- 3-day ticket: € 7.90



From the city centre to the Messe convention centre

From the city centre / Main Square:

- Take tram 4 direction Liebenau and get out at the Stadthalle stop, just in front of the convention centre
- Or: Take tram 5 direction Puntigam and get out at Jakominigürtel Messe, 200 m walking distance from the convention centre.



Taxis

- City Funk 878: +43 316 878
- Taxi2801: +43 316 2801



Registration desks

Registration desks will be at **different locations** during the pre and main conference. The desks will also offer **“lost & found” service**, **press corner** and **bike rental point**.

Opening hours

Tuesday 7 June

08:00 – 17:30

Kunsthau foyer

Wednesday 8 June

08:30 – 14:00

Kunsthau foyer

16:00 – 17:30

Messe convention centre foyer

Thursday 9 June

08:00 – 18:00

Messe convention centre foyer

Friday 10 June

08:30 – 17:30

Messe convention centre foyer

Saturday 11 June

08:30 – 17:00

Messe convention centre foyer

Thursday morning is likely to be the busiest time. If you can, register at another time to avoid queues. Pre-conference participants, please register at the Kunsthau first, even if your workshop is taking place at another venue. Volunteers will guide you from the registration desk at Kunsthau Graz to your workshop’s venue – all within walking distance.



Upload room

The upload room is located in **Messe convention centre** in **Hall 8**. All main conference session speakers (9–11 June) are requested to upload their presentations via the upload room, at least three hours prior to their session.

The room is equipped with a **printer**, **charging stations** for mobile phones and adapters.



Meeting rooms

A **meeting room** will be available for participants at the **Messe convention centre**. If you would like to schedule a meeting with partners, do not hesitate to book a room. You can do that in advance by sending an email to Ecsite at info@ecsite.eu.



Hotline

For questions and emergencies during the conference, call the hotline: **+43 664 60 872 7717**.

SOCIAL EVENTS



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LEADING THREADS



Colourful apparitions

Each colour has its own special sound, its rhythm, its habitus and therefore its own (moving) quality. Theater Feuerblau – a group of four actors and dancers – will be surprising participants with short scenes and performances at social events throughout the conference. You will be meeting them at the Speakers Reception, the Opening event, the Gala Ball and the Nocturne.

Local wines

Sauvignon Blanc and Blauer Zweigelt, two grape varieties from the Masser vineyard (Leutschach, South Styria) will be served at all social events and will be on sale as the conference's official wine. The geographical factors of climate, soil and location give Styrian wines their characteristic fruity taste of ripe grapes.

Taste the wine at the social events and take one or two bottles home with you! Rest assured: there will also be non-alcoholic beverages on offer!

SPEAKERS RECEPTION



Speakers Reception

Wednesday 8 June, 18:30 – 20:30

FRida & freD – The Graz Children's Museum

Friedrichgasse 34, 8010 Graz

Open to all conference speakers and convenors. The Graz Children's Museum FRida & freD will be hosting this cosy reception with Styrian music and dishes. A chance to discover FRida & freD's ingenious exhibitions and meet representatives of Ecsite's partner organisation Hands On!, the International Association of Children in Museums. Taste Käferbohnen, the typical Styrian beans served with pumpkin seed oil and farmhouse bread. From the basement to the roof top, and into the garden: – the whole children's museum is open for the Ecsite crowd only. Explore FRida & freD's ingenious new exhibition "INVENTIONS – From Zany to Brainy!". Please print and bring the invitation you will be receiving by email a few days before the conference.

SPECIAL

Enjoy a guided tour of Graz after the reception.

- Start: 20:30 in the FRida & freD foyer
- Duration: 1 hour
- End: In the city centre
- The tour is free but places are limited (120) and will be allocated in a first come first served basis.



GALA BALL

Gala Ball

Thursday 9 June, 19:30 – 24:00

Congress Graz

Albrechtgasse 1, 8010 Graz

A traditional Austrian Ball – with an Ecsite twist! Expect swinging bands and a classic orchestra, and sparkling wine – but also science fashion and the famous Ecsite Jazz Band. Known as one of the world's best concert halls, the Stefaniensaal will be transformed into the most festive ballroom. The dance floor will open with a formal polonaise and close with a final quadrille – in between you'll be moving to the sound of romantic Strauss waltzes, but also tango or foxtrot. Those who prefer a quieter atmosphere will sit back and relax in one of the salons. Typical Austrian Ball food will be on offer. Everyone will be getting together for the joint Ecsite and Hands On! Awards ceremony.

SPECIAL

- Participants will be able to rent an evening dress or suit at the Business Bistro on Thursday, where glittering accessories and even gala-ball gowns and tailcoats will be on offer.
- Also take this chance for a short waltz lesson with a dance master on Thursday 9 June during lunch (13:15 – 14:30) and in the afternoon coffee break (15:45 – 16:30).

PROGRAMME

19:30

- Sparkling wine and open sandwiches
- String quartett

20:15

- Polonaise
- Artistic performance (Theater Feuerblau)

20:45

- Introduction and “everybody waltz”
- Dance: orchestra and bands at Stefaniensaal and Kammermusiksaal
- Ecsite Jazzband in the foyer
- Buffet dinner: typical Austrian food

22:45

- Joint Awards Ceremony: Children in Museums Award CMA and Mariano Gago Ecsite Awards

23:10

- Quadrille with all guests and further dancing until orchestra concludes the evening

NOCTURNE



Nocturne

Friday 10 June, 20:00 – 24:00

Joanneum Quarter – Entrance via Raubergasse or Landhausgasse (doors open at 19:30)

The Nocturne invites you into the Joanneum Quarter and its surrounding courtyards. Spend an inspiring night in the spirit of the “Colours of Cooperation” conference theme. Meet friends and colleagues, stroll around, taste Styrian wine and food, visit the quarter’s many exhibition spaces and enjoy the interactive programme.

- Local museum professionals and partners of the ScienceCenter-Network from all over Austria will offer a selection of hands-on experiences. Enjoy contemplative wonders of nature, discover colour variations and try out historic hands-on exhibits.
- Explore the Austrian ScienceCenter-Network’s travelling exhibition “Interdependencies” and enjoy informal chats with scientists and exhibit designers.
- Short guided tours will be inviting you to the interface of science and arts with an exhibition by media artist Richard Kriesche.
- And yes, for those of you who are football enthusiasts, we will make sure you won’t miss the opening game of the UEFA Euro 2016.

Venue

The history of the museum building dates back to the 15th century. Completely redesigned in 2013, the Joanneum Quarter today houses the Natural History Museum and Neue Galerie Graz and is a part of the Styrian-wide Universalmuseum Joanneum.

FAREWELL



Farewell

Saturday 11 June, 21:00 – 02:00

Kunsthau Graz

Lendkai 1, 8020 Graz

Look forward to a relaxed party in the heart of the city centre, concluding the intense conference week in an artistic atmosphere.

Had no time to visit the Kunsthau during the conference days? This is your opportunity. Enjoy a delicious (veggi) burger and a beverage of your choice and take a behind the scenes tour or stroll through exhibitions.

The Kunsthau Graz opened its doors in 2003, Graz's year as European Capital of Culture. The biomorphous building designed by Peter Cook and Colin Fournier – locally known as the “friendly alien” – has since become an attraction for art lovers and an essential landmark in the urban identity of the city of Graz.

As an exhibition centre for contemporary art, the Kunsthau exhibits Austrian and international art from 1960 onwards. Its BIX media facade, designed by Berlin designers realities:united, constitutes a unique fusion of architecture and media technology. Effectively a large screen in the middle of the city, it acts as an instrument of art communication.

SPECIAL

19:00 – Lecture

Raiding the Digital Icebox: Meditations Around Terry Winters' Graz Cabinet with Kenneth Goldsmith. In the digital age, what does it mean to curate? What is the difference between curation and collecting? In a time when we compulsively share our cultural artefacts, can the running of an MP3 blog or a Pinterest board constitute an act of curating? Has curating become a folk art, something that is widely and unconsciously practiced, deeply embedded into our collective global culture? Reading through the lens of Terry Winters's exhibition, this lecture will explore the condition of collecting and curating both historically and currently, with an emphasis on how, in the twenty-first century, digital culture has reconfigured long-held assumptions of production, consumption and preservation. Kenneth Goldsmith is an American poet. He is the founding editor of UbuWeb, teaches Poetics and Poetic Practice at the University of Pennsylvania, and is a Senior Editor of PennSound.

21:00 – 22:00

Visit the exhibitions during the open house.

ECSITE FOR ALL



Ecsite for all: A city builds an extraordinary machine

Tuesday 7 June – Thursday 9 June
Messe convention centre, Hall A

Get a practical science engagement warm-up and join the local public in building a fantastic machine of chain reactions in one of the Messe convention centre's large halls.

This public event will involve Graz inhabitants: schools classes, kindergarden groups, universities and companies as well as Science-Center-Network partners – and of course Ecsite conference participants. In the spirit of a Rube Goldberg machine, we will be building a contraption, invention, device or apparatus that is deliberately over-engineered to perform a simple task in a complicated fashion. We'll be using cardboard, wood, cords, old gadgets, toy parts and recycling materials to build levers, ramps, cranes, marble runs, pendulums, pulley systems and much more. Materials, tools and support will be available on site!

Bring your own materials to be integrated into the machine!

It will be a great opportunity to discover areas of local scientific excellence, to test your making, tinkering or facilitating skills, and to socialise and network further – and let's give locals a taste of the collaborative Ecsite spirit!

Intrigued? No need to register, just show up and participate!

The machine will be officially launched three times:

- **Tuesday 7 June at 12:00 & 16:00**
- **Thursday 9 June at 16:00**
(during the conference coffee break)

Join the construction process in Hall A:

- **Tuesday 7 June: 9:00 – 13:00 (special slot for school groups) & 13:00 – 17:45**
- **Wednesday 8 June: 13:00 – 17:45**
- **Thursday 9 June: 13:00 – 17:45**

BEAUTY

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A GUIDE TO GRAZ & BEYOND





GRAZ

Small enough to reach everything by bike in almost half an hour, big enough to cater for different tastes and interests – Graz is a city with just the right size. Visitors will quickly orientate themselves thanks to the river Mur flowing right through the city and the Schlossberg hill with its Uhrturm (clock tower) landmark.

No other city offers so much variety packed into such a small space, together with that touch of sunny southern flair: futuristic architecture alongside medieval houses, alleys and squares; exclusive boutiques overlooking colourful farmers' markets; cultural and culinary treats on every corner – and all within walking distance of each other, in the bicycle-friendliest city of Austria. Leaving behind the urban flair of the city, it's just a couple of miles to the real countryside – how wonderful to breathe fresh Alpine air and to take in the beautiful, unspoiled Styrian landscape! Wherever you go, you'll find the traditional delicacies of local cuisine – taste internationally renowned Styrian wines directly at local vineyards and buy fresh pumpkin-seed oil straight from farmers.

Of course we recommend you visit exhibitions at the FRida & freD – The Graz Children's Museum, the Kunsthaus Graz, and the various other parts of the Joanneum Quarter first, where the entrance is free with your conference badge. We have also put together a selection of special places to visit if you have extra spare time.



FOLK LIFE MUSEUM

Paulustorgasse 11-13a, 8010 Graz

The culture of everyday life: such is the compelling theme of the Styrian Folk Life Museum, which links contemporary ethnography with historical context. The Styrian Folk Life Museum sees itself both as a place of dialogue and education, and as an interface between science and art. Its exhibitions and events present aspects of everyday culture, lifestyles and cultural transfer in Europe. It holds the oldest and largest folk life collection in Styria.



EGGENBERG PALACE

Eggenberger Allee 90, 8020 Graz

The scenic park around Schloss Eggenberg palace offers so many different activities that visiting is an absolute MUST. Whether you want to feel closer to the universe at Planetengarten gardens, be seduced by lovely scents in the Rosengarten or just settle nicely under one of the numerous groups of trees – your personal choice. One thing is for sure – from spring to autumn you'll have to share the grounds with free-running peacocks in magnificent colours. Come on in and get carried away.



FARMERS' MARKETS

Kaiser-Josef-Platz or Lendplatz

Even before the sun comes up over the famous tiled roofs of Graz, its farmers' markets are in full swing. The huge number of farmers in the region (800 in Graz alone) fill their market stalls with wares picked just hours beforehand. It doesn't get much fresher than that! If your appetite arises at once, you can satisfy your hunger at one of the numerous snack-bars at the market.



EXIT THE ROOM

Hilbergasse 1, 8010 Graz

EXIT THE ROOM Graz is a new, exciting, fun and entertaining live room escape game in the city of Graz which offers very special and unique experience for teams of 2 to 6 people. The goal is simple yet challenging: to escape from the room in 60 minutes or less. This new intellectual challenge is a journey through the puzzles in a mysterious world and a truly thrilling race against time. You can only win if you work as a team. Games are available in English!



HILMTEICH

Hilmteichstrasse 70, 8010 Graz

The Hilmteich is a wonderful place to relax from urban hustle and bustle. You can stroll through the calming park, stare at the water surface of the little lake, roll around on the lake without getting wet in a plastic ball or drink a coffee on the terrace of the very small Hilmteich castle.



BOTANICAL GARDEN

Holteigasse 6, 8010 Graz

Near to the Hilmteich you can find the architecturally interesting Botanical Garden, a building by Architect Volker Giencke. The exotic architectural design of the greenhouses is a perfect reflection of the extraordinary wealth of plants to be found here – including three climate zones and a diversity of well-known and lesser known specimens.



BURGGARTEN

Hofgasse 15, 8010 Graz

This picturesque park is almost a secret spot: who would have thought that so much romance is to be found behind the seat of the regional government above Stadtpark? Another highlight here is the former Orangerie which, following loving and extensive refurbishment, is now open for events and receptions of all kinds.



MURPROMENADE

Experience Graz inner city from another perspective! Stroll from the southern Augarten Park to the heart of the city directly along the river Mur. Take a walk by the river's swoosh soundtrack and admire the city's passing facades.



FAIRYTALE EXPRESS

Schlossbergplatz 1, 8010 Graz

During World War II, the interior of the Graz Schlossberg was a place of refuge from aerial attacks for 40,000 people. The construction of the air raid tunnels began in the summer of 1943, just before the first air raids on the “Ostmark” by the Allies. In more than one million hours of work, members of the armed forces, local construction workers and foreign forced labour, as well as prisoners of war had completed a wide-ranging tunnel system by 1945 that was 6.3 km long with 20 entrances. The Fairy Tale Express is now part of this old tunnel system. One fairy tale, no, many fairy tales can be discovered in the tunnels within the Schlossberg – castle hill in Graz. Just get onboard and ride along – on a half-hour trip away from real life into the kingdom of fairy tales and fantasy. There’s the witches’ domain, the meadow of flowers, the enchanted forest, the den of thieves, the treasure cave and so much more. Riddles are there to be solved and valuable things collected.



**LANDESZEUGHAUS –
ARMOURY**

Herrengasse 16, 8010 Graz

The Landeszeughaus houses the world’s oldest and well preserved armoury. It is a living memorial to our conflict-ridden past and confronts us with fundamental questions about our being human. Interestingly, a not marginal part of the armoury’s visitors are children.



**AUSTRIAN
SCULPTURE PARK**

Thalerhofstrasse 85, 8141 Unterpremstätten

Who on earth has been playing around here? The handle of a suitcase, a heap of aeroplane parts, a stranded boat – it’s as if a giant child has been using the Sculpture Park Austria as his nursery. Located in the south of Graz, the spectacular setting created by Swiss landscape architect Dieter Kienast is home to more than 60 magnificent sculptures created by renowned Austrian and international artists, making it a much loved venue for events and a great place for excursions.



**OPEN-AIR MUSEUM
STÜBING**

Enzenbach 32, 8114 Stübing

At the Austrian Open Air Museum Stübing you can take a stroll through all of Austria and, in an idyllic setting, find out about yesterday’s regional tools, construction methods and way of life. Visit this all but lost world of rural life and work, living on in a hundred original farm buildings in a remote tributary valley of the river Mur.



Don't hesitate to arrive early or stay on: through the ScienceCenter-Network a number of museums all around Austria will be offering a prologue or epilogue with free entrance and special programmes to Ecsite conference participants. All information here: <http://bit.ly/1pwvEXk>.

For more information about the holiday destination styria: www.steiermark.com

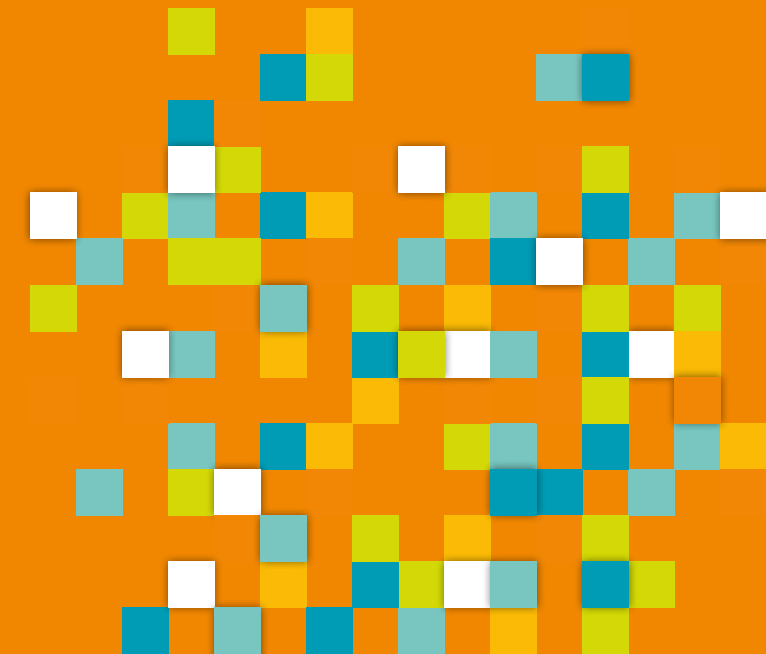
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About Ecsite

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.

Key benefits for members

- Attend the Ecsite Annual Conference at a reduced fee;
- Be invited to participate in EU-funded projects;
- Spread your news and events through Ecsite communications channels;
- Promote your touring exhibitions on EXTRA, the marketplace for scientific touring exhibitions;
- Exhibit, sponsor and advertise at the conference and on the Ecsite website at reduced rates;
- Run for the Mariano Gago Ecsite Awards;
- Attend the Directors Forum, an intimate event bringing together decision makers of the field for two days of networking and peer learning (Full members only);
- Visit Ecsite members for free and join the Ecsite Move scheme (Full members only)

Spokes, Ecsite's monthly magazine

Spokes is the monthly online magazine of Ecsite, available to all on the Ecsite website. Hear the latest news from European science engagement, go further with in-depth features and make the most of the good reads, events and opportunities shared by Ecsite members.

Sign up on the Ecsite home page and visit the Ecsite lounge in the Business Bistro to suggest article topics.

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

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.

Nature Group

The Nature Group brings together professionals and institutions who engage audiences with nature.

Research and Evaluation Group

The REV Group stimulates and helps facilitate research and evaluation in science centres and museums across Europe.

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.

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 2017 conference, open on the Ecsite website from 15 August to 16 October 2016.



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YouTube: Watch the Ecsite Executive Office channel

Flickr: Browse through hundreds of pictures on the "Ecsite Executive Office" page (including ones taken during this conference)

2017 Ecsite Annual Conference

Porto. Portugal
15–17 June

life EVERYWHERE

2017 Ecsite Annual Conference

Porto. Portugal

The science engagement conference in Europe – 28th edition.

The 2017 **Life Everywhere** theme is a celebration of life, a celebration of the extraordinary diversity of forms that have evolved in 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?

Ecsite 2017 will be at the heart of one of the most unique, old and vibrant historical towns in Europe! Porto is a UNESCO World Heritage Site awarded as best European destination.

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NATURAL HISTORY AND SCIENCE MUSEUM
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CIÊNCIA VIVA – NATIONAL AGENCY FOR SCIENTIFIC
AND TECHNOLOGICAL CULTURE

HOST ORGANISATION TEAM

This Ecsite Annual Conference was organised with great pleasure by the teams of ...

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Universalmuseum Joanneum
Association ScienceCenter-Network

Under the direction of ...

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Director FRida & freD – The Graz Children’s Museum
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Supported by:

Franz Adlassnig, Gabi Filzwieser, Franziska Hütter, Niki Knopp, Anke Leitner, Eva Ofner, Christoph Pelzl, Eva Pessenhofer-Krebs, Andreas Schnitzler, all Universalmuseum Joanneum

Bert Dittrich, Marcus Heider, Monika Hirschböck, Jürgen Kicker, Nikola Köhler-Kroath, Barbara Lamot, Linda Lexner, Martin Mariacher, Tinka Molkentin, Ingrid Stipper-Lackner, Elisabeth Wohlschlager, all FRida & freD – The Graz Children’s Museum

Sarah Funk, Alina Natmessnig, Petra Preinfalk, Felix Schneider, Heidrun Schulze, Maja Toš, Kathrin Unterleitner, Veronika Wieland, all Association ScienceCenter-Network

We thank **all partners of the Austrian Science-Center-Network** and all **volunteers** for their active involvement.

Ecsite – Association européenne des expositions scientifiques, techniques et industrielles, aisbl: Catherine Franche, Julie Becker, Raquel da Cunha

FRida & freD – The Graz Children’s Museum: Gerlinde Podjaversek

ScienceCenter-Network: Barbara Streicher

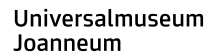
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Print: Universitätsdruckerei Klampfer, St. Ruprecht/Raab

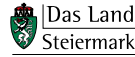
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