“Towards the Science Centre World Summit 2017”
10:15-11:30, September 26, 2016
Tampa Convention Center Room 22
Science Centre World Summit
SCWS2017

Connecting the World for a Sustainable Future
Invitation to
The Science Centre World Summit 2017

Mamoru Mohri
Miraikan, Tokyo Japan
= SCWS

What?
A gathering of the World’s Science Centre Networks and a wide variety of stakeholders from societies

Why?
Because of change in environments and roles of science centre community

When?
Every three years?

Where?
Within a Regional Network, 2017 is ASPAC’s

Who?
You and the world
2\textsuperscript{nd} Science Centre World Summit
SCWS2017 in Asia, Tokyo

1\textsuperscript{st} Science Centre World Summit
SCWS2014 in Europe, Mechelen
Why Miraikan?
Because,

On March 11, 2011
Natural disaster of Earthquake and Tsunami followed by Man-made disaster of Nuclear Powerplant Accident

What is the final goal of Science and Technology? How can a Science Center contribute?

We proposed Miraikan Vision 2020 in the aftermath of the 3.11 disaster and defined Miraikan’s new role.
Miraikan Vision 2020

For 10 billion people to live on planet Earth, we must face these global issues with a global perspective. Miraikan is committed to providing opportunities to discuss those challenges to foster understanding and create solutions through science communication.
Miraikan is proud to represent ASPAC in SCWS2017

November 14-17
Miraikan, Tokyo, Japan
Asian Family of Science Centres and Museums
Participating Networks

There are science centre/museum networks in every region around the world. The science centres/museums included in a network are making new efforts more efficiently by sharing information and cooperating with each other.

- **NAMES**: North Africa and Middle East Science centers network
- **Ecsite**: European network of science centres and museums
- **ASTC**: Association of Science-Technology Centers
- **Red-POP**: Network for the Popularization of Science and Technology in Latin America and the Caribbean
- **SAASTEC**: Southern African Association of Science and Technology Centres
- **AS PAC**: Asia Pacific Network of Science and Technology Centres

IPC (International Programme Committee)
Science Centre World Summit 2017
Call for proposals Guidelines

Selection process and schedule

• All submitted proposals will be reviewed and assessed by IPC.
• - 9th Oct, 2016: Ending date for the call for proposals
• Oct – Dec, 2016: IPC reviews and assesses the proposals
• -End of Dec, 2016: Applicants receive the result
• -1st Mar, 2017: Authors have adjusted their session following the IPC’s decisions
• -31st Mar, 2017: IPC finalizes the programme
• -31st May, 2017: The author sends an abstract of the session for which he/she is responsible. The abstract must include aim, expected impact and key points of his/her session.
Science Centers World Summit
- PERSPECTIVES FROM ASPAC -

T.M. Lim
ASPAC President
CEO Science Centre
Singapore
The reach of ASPAC

The ASPAC region

• incorporates over 60% of the world’s population
• is the most diverse in economic standards
• is one of the world’s fastest
ASPAC full members (n=54)

Australia
Australian Museum
CSIRO Discovery Centre
Gilmour Space Corporation
Melbourne Museum
National Centre for Public Awareness of Science
Queensland Museum
Questacon – The National Science and Technology Centre
Scienceworks Museum
Scitech

Brunei Darussalam
Oil and Gas Discovery Centre

China
China Science & Technology Museum
Dongguan Science and Technology Museum
Guangdong Science Centre
Jiangxi Science and Technology Museum
Liaoning Science and Technology Museum
Shanghai Science and Technology Museum
Xinjiang Science and Technology Museum
Zhejiang Science and Technology Museum

Hong Kong
Hong Kong Science Museum

Indonesia
Jungleland Asia
Puspa Iptek Sundial
Science and Technology Centre, PPIPTek
Taman Pintar Science Center

Japan
National Museum of Emerging Science & Innovation (Miraikan)
National Museum of Nature and Science

Korea
Daegu National Science Museum
Gwacheon National Science Museum
Gwangju National Science Museum
MS Park
National Science Museum

Macao
Communications Museum
Macao Science Center

Malaysia
National Science Centre
Palm Information Centre
Petrosains – The Discovery Centre
Terengganu Science and Creativity Centre

New Zealand
Museum of Transport and Technology
Otago Museum and Discovery World
Science Alive! The New Zealand Science Centre
Te Manawa Museums Trust

Philippines
Nido Fortified Science Discovery Center
Philippine Science Centrum
Philippine Science Heritage Center

Singapore
Marina Bay Sands ArtScience Museum
Science Centre Singapore

Taiwan
National Museum of Natural Science
National Science and Technology Museum
National Taiwan Science Education Centre

Thailand
National Science Museum
Science Centre for Education

Turkey
Bursa Science and Technology Center

Yemen
National Science Museum of Yemen
Other ASPAC members

ASSOCIATE (n=16)

Canada
Ontario Science Centre
Science North

China
Global Health and Education Foundation

Finland
Heureka - The Finnish Science Centre

Ireland
Science Gallery International

United Kingdom
International Centre for Life
The Natural History Museum
Science Museum Group
Science Projects
Techniquist

USA
American Museum of Natural History
Arizona Science Center
Exploratorium
Informal Learning Experiences, Inc.
Ripley Entertainment
The Tech Museum of Innovation

SUSTAINING (n=15)

Dubai
MTE Studios

Germany
Hüttinger Interactive Exhibitions
SC Exhibitions

Japan
Hakusei Limited
Kokoro Company, Ltd
Nomura Co Ltd

Malaysia
PICO International (M) Sdn Bhd

Singapore
Hypsos-Radius Asia Pte Ltd
Kingsmen Exhibits

Thailand
Fulldome.pro

United Arab Emirates
MTE Studios

USA
Exhibits Development Group
Geoffrey M Curley + Associates
Imagine Exhibitions
Miraikan started the "TSUNAGARI Project" in 2011 for individuals to discover personal relationships to our planet, and, with others, search for solutions to challenges facing all life forms to ensure its sustainability.

Since late 2015, teenagers from 12 Asia-Pacific science centres/museums have been engaged to analyse global issues from multiple scientific and ethical perspectives about how 10 billion people can live happily on Earth.

Students work with scientific data and create digital contents which will be shared in SCWS2017 and displayed on the Miraikan’s ‘Geo-Cosmos’.

Project sponsored by Bloomberg.
ASPAC members co-creating the RICE Exhibition

• Rice is a stable food
• Sustainable rice production challenged by climate change
• Food security is of global concern
• Scope and Topics:
  • History of Rice
  • Biology of Rice
  • Production and Consumption
  • Culture and Heritage
  • Technology and Research
  • Preservation and Challenges
• Targeted to open first in National Science Museum, Bangkok, Thailand and then shared in SCWS2017 in Miraikan, Tokyo, Japan
• Content developed opened for adoption by ASPAC members, including education materials for schools and general public outreach, relating to the Sustainable Development Goals declared by the United Nations
ASPAC supports ISCSMD

- UNESCO, ICOM and the Science Centre networks have declared 10 November the International Science Centre & Science Museum Day (ISCSMD)
- For ASPAC members the ISCSMD is also declared Science Centre Alumni Day
- The Alumni Day events will be related to one or more of the UN's SDGs, demonstrating role and impact of our centres specifically in those areas.
- Science Centres are generally expected to offer some contributions to Quality Education, Innovation and Infrastructure, Good Health, Good Jobs and Economic Growth, Responsible Consumption, Climate Action and more.
- ‘How have you been touched by your Science Centre/ Museum? Has your experience with your Science Centre/ Museum changed the way you think, helped you in your career, taught you something about the world around you or inspired you to go on some quest elsewhere?’
An example of ASPAC Science Centre Alumni Day event

- On the 10 November 2016, Science Centre Singapore will celebrate the ‘International Science Centre and Science Museum Day’ with an appreciation party for its alumni, volunteers and Family Science Club members.

- This celebration brings together all those who have been impacted through their experience working or volunteering on activities that promote the awareness and appreciation of Science.

- Activities at the Science Centre Singapore are aligned closely to promoting the Sustainable Development Goals of; Quality Education, Clean Water and Sanitation and Climate Action. Participants of this event will be encouraged to share stories on how their experiences on activities related to the SDGs at the Science Centre have impacted their lives. Shared stories will be featured online.
ASPAC members welcome SCWS2017 participants to visit them either before or after the World Summit.

THANK YOU!