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Day 0 – Wednesday, November 4, 2015

18:00-19:00
OPENING CEREMONY
Ceremonial Hall (Room A)
19:00-19:05
VIDEO MESSAGE FROM THE SOUTH POLE
Ceremonial Hall (Room A)
19:05-19:30
UNESCO PRIZE CEREMONIES
Ceremonial Hall (Room A)
19:30-20:00
CONCERT
Ceremonial Hall (Room A)
20:00-
OPENING RECEPTION
Academy Club and Krúdy Hall

Day 1 – Thursday, November 5, 2015

09:30-11:00
PLENARY SESSION I: “SUSTAINABILITY CHECK 2015”
Ceremonial Hall (Room A)
11:00-11:30
COFFEE BREAK
11:30-13:00
PLENARY SESSION II: “SCIENCE ENGAGEMENT: COMMUNICATING WITH SOCIETY”
Ceremonial Hall (Room A)
13:00-15:00
LUNCH BREAK
15:00-16:30
PLENARY SESSION III: “CONFIDENCE IN SCIENCE”
Ceremonial Hall (Room A)
16:30-17:00
COFFEE BREAK
17:00-18:30
PARALLEL THEMATIC SESSIONS I.
A. Science for peace: Reading Room (Room D)
B. Mapping the brain, unlocking the mind: Large Lecture Hall (Room J)
C. Enabling science through parliamentary governance: Ceremonial Hall (Room A)
19:30-22:00
RECEPTION
Bálna Cultural Centre

Day 2 – Friday, November 6, 2015

09:30-11:00
PLENARY SESSION IV: “SCIENCE IN THE INNOVATION ECOSYSTEM”
Ceremonial Hall (Room A)
11:00-11:30
COFFEE BREAK
11:30-13:00
PLENARY SESSION V: “CHALLENGES IN GLOBAL COOPERATION: PRACTICES AND PITFALLS”
Ceremonial Hall (Room A)
13:00-14:30
LUNCH BREAK
14:30-16:00
PARALLEL THEMATIC SESSIONS II.
A. Fit for purpose global health policies: Ceremonial Hall (Room A)
B. Building resilience in a changing world: Large Lecture Hall (Room J)
C. International Year of Light: Reading Room (Room D)
16:00-16:30
COFFEE BREAK
16:30-18:00
PARALLEL THEMATIC SESSIONS III.
A. Renewable energy for global sustainability: Ceremonial Hall (Room A)
B. Science and technology for disaster risk reduction: Large Lecture Hall (Room J)
C. Science governance in Africa: Reading Room (Room D)
19:00-
RECEPTION
Várkert Bazár

Day 3 – Saturday, November 7, 2015

The House of Parliament

09:30-10:15
OPENING ADDRESSES
10:15-11:15
PLENARY SESSION VI: “PARLIAMENTARY SESSION: SCIENCE IN POLICY MAKING” (PART 1)
11:15-11:45
COFFEE BREAK
11:45-12:45
PLENARY SESSION VI: “PARLIAMENTARY SESSION: SCIENCE IN POLICY MAKING” (PART 2)
12:45-13:00
PRESENTATION OF THE UNESCO SCIENCE REPORT
13:00-13:45
CLOSING CEREMONY AND ENDORSEMENT OF THE DECLARATION
### DAY -1 – TUESDAY, NOVEMBER 3, 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>09:00-17:00</td>
<td>European Conference for Science Journalist 2015 (European Science Journalists Association)</td>
<td>Ceremonial Hall (Room A)</td>
</tr>
<tr>
<td>10:30-13:00</td>
<td>“Microbes and Society”, scientific session</td>
<td>Large Lecture Hall (Room J)</td>
</tr>
<tr>
<td>15:00-17:30</td>
<td>Academia Europea Hungarian members meeting</td>
<td>Reading Room (Room D)</td>
</tr>
</tbody>
</table>

### OPENING DAY – WEDNESDAY, NOVEMBER 4, 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>09:00-10:30</td>
<td>UNESCO SIDE EVENT ON CAMPUSAFRICA: CULTURE, SCIENCE AND TECHNOLOGY AT THE SERVICE OF AFRICAN DEVELOPMENT</td>
<td>Conference Room (2nd floor), Library of the Hungarian Academy of Sciences</td>
</tr>
<tr>
<td>10:30-11:00</td>
<td>JRC SIDE EVENT ON SCIENCE IN FLUX: HOW SCIENCE SUPPORTS THE MANAGEMENT OF TRANS-NATIONAL RIVER BASINS</td>
<td>Large Lecture Hall (Room J)</td>
</tr>
<tr>
<td>11:00-12:30</td>
<td>WSF STEERING COMMITTEE MEETING</td>
<td>By invitation only, Bolyai Room (Room F)</td>
</tr>
<tr>
<td>11:30-13:00</td>
<td>UNESCO SIDE EVENT ON APPLYING NEW HUMAN GENOMICS TECHNIQUES AND MIDDLE INCOME COUNTRIES</td>
<td>Conference Room (2nd floor), Library of the Hungarian Academy of Sciences</td>
</tr>
</tbody>
</table>

### PRE-CONFERENCE SYMPOSIA

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:30-12:30</td>
<td>INTERNATIONAL NETWORK FOR GOVERNMENT SCIENCE ADVICE (INGSA) DEVELOPMENT GROUP MEETING</td>
<td>By invitation only (INGSA, SciCom - Making Sense of Science, Council Room of the Presidium (Room B)</td>
</tr>
<tr>
<td>13:00-17:00</td>
<td>ROLE OF SCIENCE IN ADDRESSING CHALLENGES OF GLOBAL MIGRATION</td>
<td>Ceremonial Hall (Room A)</td>
</tr>
<tr>
<td>13:30-15:45</td>
<td>INVITATIONAL SEMINAR: INTERNATIONAL COOPERATION IN SCIENCE ADVICE PRACTICES</td>
<td>By invitation only by INGSA / SciCom - Making Sense of Science, Council Room of the Presidium (Room B)</td>
</tr>
<tr>
<td>14:00-17:00</td>
<td>ERC SIDE EVENT ON WIDENING EUROPEAN PARTICIPATION</td>
<td>Reading Room (Room D)</td>
</tr>
</tbody>
</table>

### DAY 1 – THURSDAY, NOVEMBER 5, 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>13:00-15:00</td>
<td>Science Diplomacy in Action (UNESCO)</td>
<td>Council Room of the Presidium (Room B)</td>
</tr>
</tbody>
</table>
WELCOME

As President of the Hungarian Academy of Sciences, host of the 7th World Science Forum 2015 under the theme of ‘The Enabling Power of Science’, it gives me great pleasure to warmly welcome you back to Budapest after our 6th WSF in Rio and before we travel to Jordan for our 8th edition in 2017.

We have certainly come a long way since our first conference in 2003. Today, WSF is recognised as a very open platform, helping ignite important conversations about science, while perhaps being the most global and relevant of the large generalist conferences with delegates from over 100 countries and speakers from over 50. This is no easy feat, but we do everything possible to make everyone’s science welcome and to give every delegate a voice.

As a group, you are the stakeholders, power-brokers and consumers of knowledge. Representing the worlds of research, business, innovation, policy-making, media, interest groups and society at large, you have come to Budapest to feel the pulse of what’s happening right now and to consolidate old ties while establishing new ones. This intense engagement is the lifeblood of WSF. Profit from it.

This event would not be possible without the ongoing commitment of our five partner organisations who share a common vision of building this biennial WSF series into a meeting point of real significance. Allow me to take this opportunity to acknowledge the United Nations Educational Scientific and Cultural Organization (UNESCO), the International Council for Science (ICSU), the American Association for the Advancement of Science (AAAS), the World Academy of Sciences (TWAS), and the European Academies Science Advisory Council (EASAC). As you meet their leaders and staff across this event, please, join me in saluting their success and track-record since this meeting’s inception.

When we sat down to plan for WSF 2015, it struck us that ‘The Enabling Power of Science’ reflected well our shared view that we need here this week to tackle head-on how best to grasp the enormous potential of science. It is only by accentuating these positives, when all too often we risk focusing on the negatives, can we truly help mitigate further degradation of the Earth’s ecosystem. In addition, this potential must be shared as a common good.

With this in mind, we have put out a rallying call to top-level speakers from all corners of the globe to offer you six Plenary Sessions backed up by nine Thematic Sessions. There is nowhere better to be than in Budapest this week to gain the latest insights into our global opportunities and challenges around climate change, renewable energies, disaster risk reduction, building resilience, establishing fit-for-purpose global health policies or gauging best practices and pitfalls in science governance on all continents, especially Africa. On top of such fundamental issues, we will present ‘hot science’ from brain research to harm reduction or the physics connected with the International Year of Light of 2015.

This diverse group will present such themes from multiple perspectives, as the views and experiences of developing countries and those in transition, of young and established
researchers, of the suppliers and recipients of scientific advice, or the lay public and outstanding scientists collide.

As a first, we have also invited in world class media moderators and scientific commentators to help foster broader debates, while facilitating science journalists from all over the world. We have assisted a number of pre-conference, high-level meetings at the Academy of established and emerging groups helping keep the wheels of our global scientific enterprise turning. Across the one-hundred talks on offer, there is certainly food for thought for everybody. Please do not be shy in making your voices heard.

But even a science gathering must have its lighter moments. Beyond this thematic programme, I have the pleasure of inviting you to enjoy a series of rich, social and cultural activities. I must extend our deepest gratitude to the President of the National Research, Development and Innovation Office of Hungary and the Mayor of the City of Budapest for hosting these events.

Finally, I wish you a pleasant stay in Budapest, one of Europe’s great cities, and also that you get to learn something new about the many activities of our Academy and its 2500 researchers.

László Lovász
President of World Science Forum
President of the Hungarian Academy of Sciences
OPENING DAY
WEDNESDAY
NOVEMBER 4, 2015

18:00-19:00
OPENING CEREMONY
László Lovász, President of the Hungarian Academy of Sciences and President of World Science Forum
Ban Ki-Moon, Secretary-General of the United Nations (message presented by Flavia Schlegel)
Tibor Navracsics, EU Commissioner for Education, Culture, Youth and Sport
Flavia Schlegel, Assistant Director-General for Natural Sciences, UNESCO
Gordon McBean, President, ICSU
Rush D. Holt, CEO, AAAS
H.E. Viktor Orbán, Prime Minister of Hungary

19:00-19:05
VIDEO MESSAGE FROM THE SOUTH POLE

19:05-19:30
UNESCO PRIZE CEREMONIES
UNESCO Kalinga Prize presented by Flavia Schlegel, Assistant Director-General for Natural Sciences, UNESCO
UNESCO Sultan Qaboos Prize for Environmental Preservation presented by Flavia Schlegel, Assistant Director-General for Natural Sciences, UNESCO and Madiha Al Shaibani, Minister of Education, Oman

19:30-20:00 CONCERT
Felix Lajko and his band

20:00- OPENING RECEPTION

DAY 1
THURSDAY
NOVEMBER 5, 2015

09:30-11:00
PLENARY SESSION I: “SUSTAINABILITY CHECK 2015”
Moderated by: Matt McGrath, Environment Correspondent, BBC News
Jacqueline McGlade, Chief Scientist, United Nations Environment Programme
Uri Shamir, Chair, Technical Advisory Committee, United Nations World Water Assessment Program
Bjorn Lomborg, Director, Copenhagen Consensus Center

11:00-11:30
COFFEE BREAK

11:30-13:00
PLENARY SESSION II: “SCIENCE ENGAGEMENT: COMMUNICATING WITH SOCIETY”
Moderated by: Philip Campbell, Editor-in-Chief, Nature and the Nature-branded publications
Günter M. Ziegler, Professor, Freie Universität Berlin
Dame Julia Higgins, former Vice President and Foreign Secretary of the Royal Society
Yee Cheong Lee, Chairman of Governing Board, International Science, Technology and Innovation Centre for South-South Cooperation under the auspices of UNESCO (ISTIC)
Rana Dajani, Associate Professor, Hashemite University, Jordan, Visiting Professor, Yale Stem Cell Center and University of Cambridge
13:00-15:00
LUNCH BREAK

15:00-16:30
PLENARY SESSION III:
“CONFIDENCE IN SCIENCE”

Moderated by: Julian Kinderlerer, President, European Group on
Ethics in Science & New Technologies
Emilio Lora-Tamayo, President of the Spanish National Research
Council (CSIC), Vice-President of Science Europe
Geoffrey Boulton, Senior Honorary Professorial Fellow, University
of Edinburgh, Fellow of the Royal Society
Sir John Burn, Professor of Clinical Genetics, Newcastle University,
non-executive director of NHS England
Snežana Krstić, Independent researcher and consultant Chair of
Marie Curie Alumni Association
Huanming Yang, Professor & Chairman, Beijing Genomics Institute,
Shenzhen

16:30-17:00
COFFEE BREAK

PARALLEL THEMATIC SESSIONS I.

17:00-18:30
PARALLEL THEMATIC SESSION I. A:
“SCIENCE FOR PEACE”

Organised by: UNESCO, CERN, SESAME
Venue: Reading Room, Hungarian Academy of Sciences
Moderated by: Maciej Nalecz, Director, Division of Science
policy and Capacity Building, UNESCO
Sir Christopher Llewellyn Smith, Former DG of CERN, former
Chair of ITER Project, President of SESAME Council
Miklós Réthelyi, President, Hungarian National Commission
for UNESCO

17:00-18:30
PARALLEL THEMATIC SESSION I. B:
“MAPPING THE BRAIN,
UNLOCKING THE MIND”

Organised by: Hungarian Academy of Sciences
Venue: Large Lecture Hall, Hungarian Academy of Sciences
Moderated by: Mary G. Baker, Immediate Past President,
European Federation of Neurological Associations
Tamás Freund, Director, Institute of Experimental Medicine,
Hungarian Academy of Sciences
Sean Hill, Co-Director of the Blue Brain Project, Co-Director
of Neuroinformatics, Human Brain Project
Wayne C. Drevets, Scientific Vice President at Johnson &
Johnson, Inc.
Andres M. Lozano, Senior Scientist, University Health
Network, Toronto Western Research Institute

17:00-18:30
PARALLEL THEMATIC SESSION I. C:
“How to Enable Science Through
Parliamentary Governance”

Organised by: UNESCO and ISESCO
Venue: Ceremonial Hall, Hungarian Academy of Sciences

Zehra Sayers, Sabanci University, Faculty of Engineering
and Natural Sciences
Herwig Schopper, Former DG of CERN
Vaughan C Turekian, Science and Technology Adviser to
the U.S. Secretary of State
Moderated by: Hossam Badrawi, Chairman Nile Badrawi Foundation for Education & Development, former Chairman of the Committee on Education and Scientific Research, Parliament of Egypt
Ernesto Fernandez Polcuch, Senior Programme Specialist Natural Sciences, UNESCO
Aicha Bammoun, Programme Specialist, Science Directorate, UNESCO
Paul Rübig, Chair, European Parliament’s Science and Technology Options Assessment (STOA)
Liliya Hrynevych, Chairperson, Committee on Science and Education, Parliament of Ukraine
Jesus Hurtado, Member of the Commission on Science, Innovation and Technology, Congress of the Republic of Peru
Ninlawan Petcharaburanin, Advisor for the Committee on Science Technology National Assembly, Thailand
Rana Dajani, Associate Professor, Hashemite University, Jordan; Visiting Professor, Yale Stem Cell Center and University of Cambridge

Day 2
FRIDAY, NOVEMBER 6, 2015

09:30-11:00
PLENARY SESSION IV: “SCIENCE IN THE INNOVATION ECOSYSTEM”
Moderated by: Clive Cookson, Science Editor, Financial Times
Hiroshi Amano, Professor, Nobel Prize Winner, Nagoya University
Axel Flaig, Head of Research & Technology, Airbus, France
Anette Kolmos, Professor, Aalborg Centre of Problem-based Learning in Engineering Science and Sustainability under the auspices of UNESCO
Hayat Sindi, Founder and CEO of i2 Institute for imagination and ingenuity; member of the Advisory Board of the UN Secretary-General; UNESCO Goodwill Ambassador for science education in the Middle East; member of the consultative assembly of Saudi Arabia

11:00-11:30
COFFEE BREAK

11:30-13:00
PLENARY SESSION V: “CHALLENGES IN GLOBAL COOPERATION: PRACTICES AND PITFALLS”
Moderated by: Alan L. Leshner, CEO Emeritus, AAAS
Introduction: H.E. Sorena Sattari, Vice-President for Science and Technology, Islamic Republic of Iran
Speakers:
Aldo Malavasi, IAEA Deputy Secretary General, Head of Department of Nuclear Sciences and Applications
Gordon McBean, President, ICSU
János Pásztor, Assistant Secretary-General on Climate Change, United Nations

19:30-22:00
RECEPTION
Venue: Bálna Cultural Centre
Year of Light event
Concert by Nikoletta Szőke
PARALLEL THEMATIC SESSIONS II.

14:30-16:00
PARALLEL THEMATIC SESSION II. A: “FIT FOR PURPOSE GLOBAL HEALTH POLICIES”

Organised by: UNESCO, Hungarian Academy of Sciences
Venue: Ceremonial Hall, Hungarian Academy of Sciences
Moderated by: Dominique Leglu, Editor-in-chief of Sciences et Avenir
Wilson Compton, Deputy Director, National Institute on Drug Abuse
Jean-Paul Gonzalez, Senior Expert for ID & BSS, at METABIOTA Inc. USA
Michel Kazatchkine, UN SG’s Special Envoy for AIDS, Executive Director of the Global Fund to fight AIDS, Tuberculosis and Malaria (2007-2012)
György Thaler, Development Director, Gedeon Richter Plc
Fook Kay Lee, Chief Science and Technology Officer, Ministry of Home Affairs, Singapore
Presenter for Dr Fook Kay Lee: Michelle Yap, Senior Assistant Director, Singapore Government, Ministry of Home Affairs, S&T Assessment Taskforce, Office of the Chief Science and Technology Officer
Thomas Hartung, Toxicologist of Johns Hopkins Bloomberg School of Public Health

14:30-16:00
PARALLEL THEMATIC SESSION II. B: “BUILDING RESILIENCE IN A CHANGING WORLD”

Organised by: UNESCO, Hungarian Academy of Sciences
Venue: Reading Room, Hungarian Academy of Sciences
Moderated by: Jean-Paul Ngome Abiaga, Assistant Programme Specialist, International Basic Sciences Programme, UNESCO
John Dudley, Chairman, International Year of Light Steering Committee
Naomi J Halas, Founding Director of Laboratory for Nanophotonics, Rice University
Claudia Mignone, Astrophysicist, Science Writer and Communicator, Amsterdam
Lecture of Wolfgang Sandner, Director General, ELHDC International Association, presented by John Dudley

14:30-16:00
PARALLEL THEMATIC SESSION II. C: “INTERNATIONAL YEAR OF LIGHT”

Organised by: UNESCO, Hungarian Academy of Sciences
Venue: Reading Room, Hungarian Academy of Sciences
Moderated by: Jean-Paul Ngome Abiaga, Assistant Programme Specialist, International Basic Sciences Programme, UNESCO
John Dudley, Chairman, International Year of Light Steering Committee
Naomi J Halas, Founding Director of Laboratory for Nanophotonics, Rice University
Claudia Mignone, Astrophysicist, Science Writer and Communicator, Amsterdam
Lecture of Wolfgang Sandner, Director General, ELHDC International Association, presented by John Dudley
Concluding remarks: Maciej Nalecz, Director, Division of Science Policy and Capacity Building, UNESCO

PARALLEL THEMATIC SESSIONS III.

16:30-18:00
PARALLEL THEMATIC SESSION III.
A: “RENEWABLE ENERGY FOR GLOBAL SUSTAINABILITY”

Organised by: UNESCO
Venue: Ceremonial Hall, Hungarian Academy of Sciences
Moderated by: Osman Benchikh, Chief of Section, Innovation and Capacity Building in Science and Engineering, Natural Sciences Sector, UNESCO
Dominique Campana, Director of International Affairs, ADEME
Cipriano Marín, Secretary General of the UNESCO Centre in the Canary Islands, UNESCO CAN
Said Mouline, Chief Executive Officer, ADEREE
Yury Posysaev, Executive Director, International Sustainable Energy Development Centre under the auspices of UNESCO

16:30-18:00
PARALLEL THEMATIC SESSION III. B: “SCIENCE AND TECHNOLOGY FOR DISASTER RISK REDUCTION”

Organised by: Science Council of Japan and the Royal Society, with advice from UNESCO SC/EES/EGR
Venue: Large Lecture Hall, Hungarian Academy of Sciences

Moderated by: Toshio Koike, Executive Director of Earth Observation Data and Information Fusion Research Initiative, University of Tokyo
Takashi Onishi, President, Science Council Japan
Hugo Romero, Associate Professor, University of Chile
Paul Bates, Head of the School of Geographical Sciences, University of Bristol, UK, Royal Society working group member
Susan Cutter, Distinguished Professor & Director of the Hazards & Vulnerability Research Institute, University of South Carolina (online connection)

16:30-18:00
PARALLEL THEMATIC SESSION III. C: “SCIENCE GOVERNANCE IN AFRICA: CHALLENGES AND OPPORTUNITIES”

Organised by: UNESCO
Venue: Reading Room, Hungarian Academy of Sciences
Moderated by: Mohamed H. A. Hassan, Co-Chair of IAP, the Global Network of Science Academies
Romain Murenzi, Executive Director, The World Academy of Sciences (TWAS)
Francisca Okeke, Professor, University of Nigeria
Almamy Konte, Senior Expert in Innovation Policy, African Observatory of Science, Technology and Innovation (AOSTI)
Henry Roman, Director, Department of Science and Technology, South Africa; Co-Chair of World Association of Young Scientists (WAYS)

19:00- RECEPTION
Venue: Várkert Bazár
Innovation in Hungary
**Day 3**

**Saturday, November 7, 2015**

**Venue:** The House of Parliament

**09:30-10:15**  
**Opening Addresses**  
- H.E. János Áder, President of Hungary  
- H.M. King Abdullah II ibn Al-Hussein, King of the Hashemite Kingdom of Jordan (video message)  
- H.E. Irina Bokova, Director General, UNESCO

**10:15-11:15**  
**Plenary Session VI:**  
“Parliamentary Session: Science in Policy Making” (Part 1)  
**Moderated by:** Sir Peter Gluckman, Chief Scientific Advisor to the Prime Minister of New Zealand  
- Patrick Cunningham, Professor of Animal Genetics, Trinity College, University of Dublin, Ireland, Former Chief Scientific Adviser to the Irish Government  
- Zakri Abdul Hamid, Science Adviser to the Prime Minister of Malaysia; Chair, IPBES  
- Vladimir Šucha, Director-General of the Joint Research Centre of the European Commission  
- Gordon McBean, President, ICSU

**11:15-11:45**  
**Coffee Break**

**11:45-12:45**  
**Plenary Session VI:**  
“Parliamentary Session: Science in Policy Making” (Part 2)  
**Moderated by:** Sir Peter Gluckman, Chief Scientific Advisor to the Prime Minister of New Zealand  
- H.E. Naledi Pandor, Minister of Science and Technology, South Africa  
- Koji Omi, Founder and Chairman, STS Forum  
- Ene Ergma, former President of the Riigikogu (Estonian Parliament)  
- Rush D Holt, CEO, AAAS

**12:45-13:00**  
**Presentation of the UNESCO Science Report**  
UNESCO Science Report presented by: Flavia Schlegel, Assistant Director-General for Natural Sciences, UNESCO

**13:00-13:45**  
**Closing Ceremony and Endorsement of the Declaration**  
- László Lovász, President of the Hungarian Academy of Sciences and President of World Science Forum  
- Presentation and endorsement of the Declaration  
- István Ígyártó, Minister of State for Cultural and Science Diplomacy  
- H.R.H. Princess Sumaya bint El Hassan, President, Royal Scientific Society, Jordan
PRE-CONFERENCE SYMPOSIA AND SIDE EVENTS

DAY -1
TUESDAY
NOVEMBER 3, 2015

09:00-17:00
European Conference for Science Journalists 2015 (European Science Journalists Association)
Venue: Ceremonial Hall, Hungarian Academy of Sciences

10:30-13:00
“Microbes and Society”, scientific session
Venue: Large Lecture Hall, Hungarian Academy of Sciences
10.30-11.00 Stackebradt, Erko (Professor, Leibnitz Institute, DSMZ-German Collection of Microorganisms and Cell Cultures; Coordinator, MIRRI-Microbial Resource Research Infrastructure, Braunschweig, Germany): Scientists and (their) microbial resources: responsibilities revisited
11.00-11.30 Balázs, Ervin (Member of HAS, Professor, Director-general, Centre for Agricultural Research, Hungarian Academy of Science, Martonvárár, Hungary): Microbes serving agri-food industry
11.30-12.00 Coffee break
12.00-12.30 Nagy, Károly (Professor, Institute of Medical Microbiology, Semmelweis University, Budapest, Hungary): How science supports management of emerging infections
12.30-13.00 Rajnavölgyi, Éva (Professor, Department of Immunology, University of Debrecen, Debrecen, Hungary): Human life in invisible company - The significance of preventive vaccination

15:00-17:30
Academia Europea Hungarian members meeting
Venue: Reading Room, Hungarian Academy of Sciences
15:00-15:05: Welcome speech by László Lovász, President of the Hungarian Academy of Sciences
15:05-15:25: Sierd Cloetingh, President of Academia Europea (AE), Vice President of the European Research Council (ERC) presents AE and ERC
15:25-15:40: Presentation of Lynn Kamerlin, Chair of Young Academy of Europe (YAE) in 2014-2015 on YAE
15:40-15:50: Balázs Gulyás, Professor of Translational Medicine at Imperial College - NTU Lee Kong Chian School of Medicine, Singapore and Professor at the Section for Psychiatry, Department of Clinical Neuroscience, Karolinska Institutet on the 2017 AE-ALLEA Annual Meeting to be held in Budapest
15:50-16:20: László Csiba, Professor and Chairman of the Department of Neurology at the University of Debrecen (AE: 2015)
16:20-16:50: László Acsády, expert on neuroscience, Doctor of the Hungarian Academy of Sciences: Of sleep and wakefulness
16:50-17:00: Q&A
17:00-18:00: Reception
OPENING DAY

WEDNESDAY
NOVEMBER 4, 2015

09:00 - 10:30
UNESCO SIDE EVENT ON CAMPUSAFRICA: CULTURE, SCIENCE AND TECHNOLOGY AT THE SERVICE OF AFRICAN DEVELOPMENT

Venue: Conference Room (2nd floor), Library of the Hungarian Academy of Sciences

H.E. Antonio Correia e Silva, Minister for Higher Education, Science and Innovation, Government of the Republic of Cape Verde
Basilio Valladares Hernández, Co-director of CampusAFRICA, Director of the Canarian Institute of Tropical Diseases and Public Health, University of La Laguna, Tenerife
José S. Gómez Solís, Co-director of CampusAFRICA, Centre for African Studies, University of La Laguna, Tenerife
Emma Carmelo Pascual, Senior scientist, Canarian Institute of Tropical Diseases and Public Health, University of La Laguna, Tenerife

09:00 - 10:30
UNESCO SIDE EVENT ON KNOWLEDGE BROKERING FOR A BETTER CONNECTION BETWEEN SCIENCE, POLICY AND PRACTICE IN COMPLEX POLICY PROBLEMS

Venue: Dome Hall, Hungarian Academy of Sciences

Adriaan Slob, Senior Researcher, TNO Strategy and Policy
Tara Geerdink, Senior Researcher, TNO Strategy and Policy
Piotr Magnuszewski, Scientific Director, Centre for Systems Solutions
Dejan Komatina, Secretary, International Sava River Basin Commission
Fred Heuer, Former Director General in the Dutch Ministry of Transport, Water and infrastructure
Philippe Pypaert, Programme Specialist, UNESCO Venice Office

09:00 - 10:30
JRC SIDE EVENT ON SCIENCE IN FLUX: HOW SCIENCE SUPPORTS THE MANAGEMENT OF TRANS-NATIONAL RIVER BASINS

Venue: Large Lecture Hall, Hungarian Academy of Sciences

Ivan Zavadsky, Executive Secretary of the International Commission for the Protection of the Danube River (ICPDR)
Henrik Larsen, Senior Water Resources Management Specialist at DHI Water & Environment, former Chief Technical Advisor for the Environment Programme of the Mekong River Commission
Marina Djemaes, Executive Operations Officer, EcoPeace Middle East Amman office
Aram Ngom Ndiaye, Senegal River Basin Development Authority (OMVS)
Cesar Carmona Moreno, Senior Expert, Institute for Environment and Sustainability, Joint Research Centre, European Commission

09:30 - 11:00
IEEE SIDE EVENT ON NEW PARADIGMS FOR INTEGRATING SUSTAINABLE DEVELOPMENT INTO SCIENCE AND ENGINEERING EDUCATION THROUGH IEEE EDUCATIONAL ACTIVITIES

Venue: Vasarely Room (ground floor), Library of the Hungarian Academy of Sciences

Doug Gorham, Managing Director, IEEE Educational Activities: IEEE’s role in building capacity for Sustainable Development in Engineering Education
Tariq Durrani, 2010-2011 Vice President, IEEE Educational Activities Board: Integrating ‘sustainable development’ as a graduate attribute – using engineering curricula as a model
Sohaib Qamar, IEEE Region 8 Pre-University Activities Coordinator: IEEE’s Work in Building a Pipeline of Future Engineers and Technologists
PRE-CONFERENCE SYMPOSIA AND SIDE EVENTS

13:00 - 17:00
IAP/WAYS/ICORSA/GYA JOINT SIDE EVENT ON SCOPING THE FUTURE: VIEWS AND IDEAS OF YOUNG SCIENTISTS TO TACKLE GLOBAL CHALLENGES
Venue: Large Lecture Hall, Hungarian Academy of Sciences
This closed session is organised by the InterAcademy Partnership; Global Young Academy (GYA); World Association of Young Scientists (WAYS); International Consortium of Research Staff Associations (ICORSA)
Participants: 50 selected young scientists nominated by national science academies and the Global Young Academy, WAYs and ICORSA.
By invitation only.
The closing plenary from 16.30 - 17.00 hrs is OPEN to WSF delegates. Do join us for the discussions.

13:30 - 16:30
UNESCO/AAS/ACADEMIA EUROPAEA/ISTIC JOINT SIDE EVENT ON GALVANIZING SCIENCE EDUCATION & RESEARCH FOR FOSTERING AN INNOVATION CULTURE IN THE ARAB REGION
Venue: Vasarely Room (ground floor), Library of the Hungarian Academy of Sciences

11:30 - 12:30
WSF STEERING COMMITTEE MEETING
By invitation only
Venue: Bolyai Room, Hungarian Academy of Sciences

11:30 - 13:00
UNESCO SIDE EVENT ON APPLYING NEW HUMAN GENOMICS TECHNIQUES AND MIDDLE INCOME COUNTRIES
Venue: Conference Room (2nd floor), Library of the Hungarian Academy of Sciences
Moderator: Helen Merrideth Robinson, International Coordinating Office; Human Variome Project International Ltd. Melbourne, Australia
Panelists: Professor Zilfalil Bin Alwi, Hospital Universiti Sains Malaysia (USM), Kubang Kerian, Malaysia
Doctor Carsten Lederer, Cyprus School of Molecular Medicine (CSMM), Cyprus Institute of Neurology and Genetics (CING), Nicosia, Cyprus
Professor Jacques Elion, Paris Diderot Medical School, Paris, France

11:30 - 12:30
INTERNATIONAL NETWORK FOR GOVERNMENT SCIENCE ADVICE (INGSA) DEVELOPMENT GROUP MEETING
By invitation only (INGSA, SciCom - Making Sense of Science)
Venue: Council Room of the Presidium, Hungarian Academy of Sciences
Chair: Sir Peter Gluckman
Development Group: John Boright, Jean-Claude Burgleman, Ottmar Edenhofer, Mr Aidan Gilligan, Heide Hackmann, Yuko Harayama, Mohamed Hassan, Mr Johannes Klumpers, Khotso Mokhele, Martin Kowarsch, Peter Liss, David Mair, Jacqueline McGlade, Mu Rongping, Romain Murenzi, Carlos Nobre, Flavia Schlegel, Carthage Smith, Vaughan Turekian, James Wilsdon, Zakri Hamid

11:00 - 12:30
11:00 - 12:30
11:00 - 12:30
11:00 - 12:30
11:00 - 12:30
PRE-CONFERENCE SYMPOSIA

Sciences in the Arab States; Cluster Office for Egypt, Sudan, and Libya; and UNESCO Representative to Egypt

Omar Fassi-Fehri, Permanent Secretary of the Hassan II Academy of Science and Technology, Morocco

Nazar M. Hassan, UNESCO Senior Specialist for Science and Technology for the Arab States; Director of UNESCO NECTAR Network

H.E. Prof. Jo Ritzen, Honorary Professor of Maastricht University Chair and Founder of Empower European Universities and Initiator of the Vibrant Europe Forum

Mahmoud M. Sakr, President of the Egyptian Academy of Scientific Research and Technology (ASRT)

Professor Peter Tindemans, Secretary General, EuroScience

13:30 - 15:45
INVLITATIONAL SEMINAR: INTERNATIONAL COOPERATION IN SCIENCE ADVICE PRACTICES
Invitation only by INGSA / SciCom - Making Sense of Science
Venue: Council Room of the Presidium, Hungarian Academy of Sciences

14:00 - 17:00
ERC SIDE EVENT ON WIDENING EUROPEAN PARTICIPATION

13:30 Registration

14:00 Welcome by the Host László Lovász, President, Hungarian Academy of Sciences

14:10 Opening: The ERC’s quest to support excellent researchers all over Europe Eva Kondorosi, Chair, ERC Scientific Council WG on widening European participation

14:25 Hungary’s participation in ERC calls – a success story József Pálinkás, President, National Research, Development and Innovation Office of Hungary

AND SIDE EVENTS

14:45 Preparing an ERC application and the evaluation process Alejandro Martin-Hobday, Head of Call Coordination & Follow-up, ERC Executive Agency Presentation followed by Q&A session

15:15 Testimony of an ERC grantee based in Hungary Csaba Pál, Biological Research Centre of the Hungarian Academy of Sciences, ERC StG & CoG

15:30 Spreading research excellence in Europe: Perspectives of Academia Europaeaierd Cloetingh, President Academia Europaea & Vice-President of the ERC Scientific Council

15:40 The ERC: Supporting excellent young scientists across Europe Lynn Kamerlin, Vice-Chair Young Academy of Europe Board, ERC StG

16:00 Panel discussion: Perspectives on widening European participation in ERC competitions moderated by: Jean-Pierre Bourguignon, President, European Research Council with panellists: Eva Kondorosi, Kostadin Kostadinov, József Pálinkás, Jozef Masarik, Jerzy Duszyński, Ionel Vlad, Pavol Šajgalik, Karel Aim, Konstantin Hadjiivanov, László Kontler, Ionut Epurescu-Pascovici, Monika Dietl Followed by discussion with participants

17:00 Closing reception: Krudy Hall

14:00 - 17:00
MTA/IPBES SIDE EVENT ON IMPROVING HARMONY BETWEEN PEOPLE AND NATURE THROUGH LINKING SCIENCE AND POLICY
Venue: Conference Room (2nd floor), Library of the Hungarian Academy of Sciences

Opening: Csaba Kőrösi (Director for Environmental Sustainability, Office of the President of the Republic, Hungary)

Part A. IPBES in the Sustainable Development Agenda:
Keynotes by Thomas Koetz (IPBES Secretariat) and Ivar Baste (IPBES Bureau)
followed by a panel discussion with Csaba Kőrösi and Jacqueline McGlade (UNEP chief scientist).
PRE-CONFERENCE SYMPOSIA AND SIDE EVENTS

Day 1

PRE-CONFERENCE SYMPOSIA

Venue: Academy Club, Hungarian Academy of Sciences
Hosted by: Prof. Luke Georgiou, Vice President Manchester University and Co-Champion of Euroscience Open Forum (ESOF) 2016 Manchester.

DAY 1
THURSDAY
NOVEMBER 5, 2015

13:00-15:00
Science Diplomacy in Action (UNESCO)

Venue: Council Room of the Presidium, Hungarian Academy of Sciences

Welcoming remarks: László Lovász, President, Hungarian Academy of Sciences

Moderated by: H.E. Katalin Bogyay, Ambassador, Permanent representative of Hungary to UN, New York

Speakers:
Flavia Schlegel, Assistant Director-General for Natural Sciences, UNESCO
Vladimir Rakhmanin, Assistant Director-General and Regional Representative for Europe and Central Asia, FAO
Ádám Török, Secretary-General, Hungarian Academy of Sciences
H.R.H. Princess Sumaya bint El Hassan, President, Royal Scientific Society, Jordan

15:00 - 16:30
ROLE OF SCIENCE IN ADDRESSING CHALLENGES OF GLOBAL MIGRATION

Venue: Ceremonial Hall, Hungarian Academy of Sciences

Welcoming remarks: László Lovász, President, Hungarian Academy of Sciences

Moderated by: H.E. Katalin Bogyay, Ambassador, Permanent representative of Hungary to UN, New York

Speakers:
Flavia Schlegel, Assistant Director-General for Natural Sciences, UNESCO
Vladimir Rakhmanin, Assistant Director-General and Regional Representative for Europe and Central Asia, FAO
Ádám Török, Secretary-General, Hungarian Academy of Sciences
H.R.H. Princess Sumaya bint El Hassan, President, Royal Scientific Society, Jordan

16:00 - 17:45
FORUM OF GLOBAL FORA RECEPTION: WHERE SCIENCE CONFERENCES MEET
VENUES OF THE FORUM

HUNGARIAN ACADEMY OF SCIENCES
The foundation of the Hungarian Academy of Sciences in 1825, is marked by the most generous gestures in Hungarian history. Count István Széchenyi offered one year’s income of his estate for the purpose of establishing a Learned Society and his example of generosity was followed by other delegates to the National Assembly. The Hungarian Academy of Sciences is uniquely the only Academy in the world built up from public donations. The building of the Academy was one of the first Budapest edifices in Neo-Renaissance style yet it turned out to be the most mature and valuable example of its sort in Budapest. This harmonious building, richly ornamented both inside and outside has always been a distinctive feature of the cityscape.

THE BÁLNA
Bálna is a commercial, cultural, entertainment and leisure centre. The building is a special sight, not to speak of the sight of the city from Bálna. The building itself combines architectural traits of several different eras. The historical brick building and the concrete structures typical of the last century are embraced by a computer designed metal-glass shell. The architect who designed the building, Kas Oosterhuis is one of the most well-known representatives of today’s non-standard architecture. The outstanding feature of his style lies in the fact that his buildings also function as sculptures, i.e. cityscape elements. Bálna also serves as home to Budapest Gallery, which exhibits Hungarian and foreign contemporary art.

VÁRKERT BAZÁR (CASTLE GARDEN BAZAAR)
Várkert Bazár was built according to the plans of Miklós Ybl on the bank of the Danube as a border edifice for the royal gardens. Opened in 1883, this is one of the finest examples of Hungarian Neo-Renaissance architecture. Due to the low turnover, the original, commercial purpose booths of the bazaar were later converted into studios and art workshops. Many famous pieces of art were created here. Devastated by bombings in the Second World War, the former royal gardens were turned into the Buda Youth Park. However, following an accident in 1984, the legendary, cult place of the Socialist bloc was closed down. In 1987, the complex was inscribed on UNESCO’s world heritage list. It then managed to hit the headlines again: it became included in the list of the 100 most endangered heritage sites of the world. Following a government decision and enjoying co-funding from the European Union and Hungary, the refurbishment and enlargement project was started in 2012 and successfully completed in 2014.

HUNGARIAN PARLIAMENT BUILDING
The Parliament building is an outstanding landmark, stretching along the Pest embankment of the River Danube, the symbol of the capital and the country. It is the seat of the unicameral National Assembly, the legislative body of the Hungarian Republic. Opened in 1904, the
building was designed in neo-Gothic style to represent the thousand-year-old history of the nation with its vast size. On average, 1000 builders were working on the 268-metre-long structure at one time during the 19 years of its construction. Its central element is the 96-metre-high Dome, beneath it is a display of the Holy Crown, the orb and sceptre. (Guided tours in foreign languages are available daily.)

GENERAL INFORMATION

SECURITY CONTROL
Participants must pass through security control at the entrance of the Hungarian Academy of Sciences and at the Hungarian Parliament. To gain admission in due time, please allow one hour before the event. Take note: passport or identity card is required to enter.

INTERNET ACCESS
Participants of the Forum are provided with free internet access in the building of the Hungarian Academy of Sciences. To connect to the wireless network please use the following

sslD: wsf2015
password: HunAcademy

FORUM WEBSITE
The website of the Forum (http://www.sciforum.hu), which has served as an important tool in the preparatory phase of the World Science Forum, will be updated after the Forum with further presentations, conclusions and proposals for the future.

LIVE BROADCAST
All sessions of the Forum, both plenary and thematic sessions, will be streamed to the www.sciforum.hu website for the wider public. World Science Forum operates a remarkable video archive, available on the Forum website, where you can watch all sessions of previous Fora.