The Seamless Chain of Innovation
From Space Science to Business

- Sunday 30 October 2018 -

Bremen State Parliament
Saturday, 29 September 2018

All day: Arrival of participants

18:30 MoP Welcome Reception - ZARM Drop-tower

Sunday, 30 September 2018

08:30 Welcome Coffee

09:00 Welcome

- Christian Weber, President of the Bremen State Parliament
- Jean-Yves Le Gall, President, International Astronautical Federation (IAF)
- Jan Wörner, Vice President for Agency, Parliamentarians and Ministerial Relations, International Astronautical Federation (IAF)
- Klaus-Peter Willsch, Member of German Bundestag and Chairman of Aviation and Space Group, IAC 2018 host country
- Chris Schacht, Former Senator of Australia, IAC 2017 host country

09:30 Keynote 1: Space in Germany: A Case for Business and Science

- Pascale Ehrenfreund, Chair of the DLR Executive Board

09:45 Keynote 2: SPACE 4.0: The Value of STE(A)M

- Jan Wörner, Director General, European Space Agency (ESA) and IAF Vice President for Agency, Parliamentarian and Ministerial Relations

10:00 Keynote 3: Space Innovation in and for Africa

- Valanathan Munsami, Chief Executive Officer, South African National Space Agency (SANSA) and IAF Vice President for Developing Countries and Emerging Nations

10:15 Keynote 4: New Actors in Space

- Mohammed Nasser Al Ahbabi, Director General, United Arab Emirates Space Agency (UAESA)
10:45  Coffee Break

11:15  Interventions by Members of Parliaments and Discussion

12:00  Session 1: Education to Business

Space provides an endless reservoir for business opportunities. Incubation is one of the main tasks for space agencies to fulfil the promises in a more and more dynamic sector. This has to be based on an excellently educated workforce with a broad variety of skills including entrepreneurship.

*Presentations (10 min) and Roundtable discussion*
- Andres Jaadla, Coordinator ENVE Commission, European Committee of the Regions
- Jean-Claude Piedboeuf, Chair, IAF International Space Education Board, Canadian Space Agency (CSA)
- Thorsten Rudolph, Chief Executive Officer, Application Centre for Satellite Navigation (AZO)
- Oliver Juckenhöfel, Head of Airbus Space Site in Bremen

13:00  Lunch Break
- Address by Pierre Godart, CEO, Ariane Group GmbH- IAC 2018 Team Germany
- Group photo

14:30  Keynote 6: UNISPACE+50 Outcomes and the Way Forward on Space 2030
- Simonetta Di Pippo, Director, United Nations Office for Outer Space Affairs (UNOOSA)

14:45  Session 2: Science to Research and Development

The space sector is based on science meeting the highest challenges posed to research and technology development and manufacturing alike. Science as the foundation of a mature and comprehensive space effort is thus pushing R&D to also enable commercial competitiveness.

*Presentations (10 min) and Roundtable discussion*
- Günther Hasinger, Director of Science, European Space Agency (ESA)
Parliamentary Programme

- Gilles Rabin, Director of Innovation, Applications and Science, Centre National d’Études Spatiales (CNES)
- Hansjörg Dittus, Executive Board Member for Space Research and Technology, German Aerospace Center (DLR)
- Shoji Yoshikazu, Director of the International Relations and Research Department, Japan Aerospace Exploration Agency (JAXA)

15:45 Coffee Break

16:00 Keynote 7: NASA’s Exploration Campaign
• Jim Bridenstine, Administrator, National Aeronautics and Space Administration (NASA)

16:15 Session 3: Innovation and Regulation
Innovation is emerging from a fruitful environment, bringing together an interactive biotope of science, R&D and industry. It also has to be accompanied by a supporting legal and regulatory framework. For this, Parliaments around the world are in the lead to establish respective provisions.

Presentations (10 min) and Roundtable discussion
• Marc Avila, Executive Director, Center of Applied Space Technology and Microgravity (ZARM)
• Sergio Marchisio, Professor and Chairman, European Centre for Space Law (ECSL)
• Fritz Merkle, Representative of the Board, OHB SE
• Lionel Suchet, Chief Operating Officer, Centre National d'Etudes Spatiales (CNES)
• Gabriel Swiney, Attorney Adviser, U.S. Department of State

17:30 Closing Remarks
• Klaus-Peter Willsch, Member of German Bundestag and Chairman of Aviation

Moderation of the event by
Kai-Uwe Schrogl, ESA Chief Strategy Officer

17:35 Adjourn
18:30  Joint IAF MoP and International Academy of Astronautics Dinner (IAA)

*Dorint Park Hotel Bremen*

18:30  Welcome drink
19:00  Welcome messages from:
  • Peter Jankowitsch, President of the International Academy of Astronautics (IAA)
  • Jean-Yves Le Gall, President of the International Astronautical Federation (IAF)
  • Senator Prof. Dr. Eva Quante-Brandt, Senator of Science, Health and Consumer Protection
19:10  Introduction of the newly elected IAA Members
20:00  Address by:
  • Pascale Ehrenfreund, Chair of the DLR Executive Board and IAF Vice President for Communications, Publications and Global Conferences,
  • Jan Wörner, Director General, European Space Agency (ESA) and IAF Vice President for Agency, Parliamentarian and Ministerial Relations
21:30  IAA Awards:
  • Books Awards
  • Section Awards
  • Laurels for Team Achievements
  • Von Karman Award
Monday, 01 October 2018

08:00 – 08:30 VIP Gathering – Exhibition & Conference Center Bremen, IP Hall

09:00 – 10:30 IAC 2018 Opening Ceremony – ÖVB Arena (reserved seats for MoPs)

10:30 – 11:30 Opening of the IAC 2018 Exhibition and VIP Tour
  • Gathering at the entrance of the Exhibition Hall
  • Opening and Tour through the Exhibition
  • End of visit at the DLR Booth

12:00 – 13:00 VIP Luncheon sponsored by EUMETSAT - ÖVB Olbers


15:00 – 16:00 Free time to visit the Exhibition

16:00 Gathering at the “Meeting Point” in the foyer of the Central Area for transfer to the reception

16:30 – 17:30 Reception “The Earth from outer Space” hosted by the Mayor of Bremen, Dr. Carsten Sieling – Bremen Town Hall

17:30 Transfer to the Exhibition and Conference Center Bremen

18:15 – 19:30 Plenary Event 2: Host Plenary “How to live and work on ISS, Moon and Mars” – DLR Hall

19:30 – 22:30 IAC 2018 Welcome Reception - Festival Hall

Tuesday, 02 October 2018

08:30 - 14:00 MoP Technical Visit

08:00 Gathering Point in the foyer of the Central Area of the Exhibition and Conference Center Bremen
09:00 - 10:30 ZARM Tour

At choice
10:30 - 14:00 Tour to DLR and OHB
14:00 Transfer to IAC 2018 Venue

Alternatively
10:30 - 13:30 Tour to Airbus and ArianeGroup
13:30 - 14:00 Transfer to IAC 2018 Venue

15:00 Team Germany Reception – Exhibition hall, Booth D20

19:00 - 22:00 German Night (on invitation only)
Dorint Park Hotel Bremen

Address Information

Recommended Hotel: Atlantic Grand Hotel Bremen
Dorint Park Hotel Bremen

MoP Venue: Bremen State Parliament
Am Markt 20, 28195 Bremen

IAC Venue: The Exhibition & Conference Center Bremen
Central Area, Findorffstraße, 28215 Bremen, Germany