

Vienna, 31 January 2018

ESPI UNISPACE+50 Conference

“Space2030 and Space 4.0: Synergies for Capacity Building in the XXI Century”

**3 February 2018, 9:00 - 17:15
at ESPI**

**Schwarzenbergplatz 6 (Entrance Zaunergasse 1-3, 2nd floor)
A-1030 Vienna**

Please register at: <https://www.espi.or.at/form/8-espi-unispace-50-conference>

The overarching framework of the conference “Space2030 and Space 4.0: synergies for capacity building in the XXI century”, which is organized by ESPI, co-organized by UNOOSA, with the support of ESA, and will take place at ESPI in Vienna on the 3rd February 2018, is the United Nations agenda Space2030 and the ESA Space 4.0 strategy.

Through this framework we would like to identify potential synergies for capacity building in the XXI century, focusing, in particular, on four thematic priorities of UNISPACE+50: Global partnership in space exploration and innovation; Strengthened space cooperation for global health; International cooperation towards low-emission and resilient societies; Capacity-building for the twenty-first century.

A special emphasis will be put on the future approaches of the diverse groups of stakeholders involved in innovation, exploration, global health and climate change.

With the support of



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9:00 **Opening Jean-Jacques Tortora, Director (ESPI)**

9:00 - 9:30 **Key Note “Space2030” Simonetta Di Pippo, Director (UNOOSA)**

9:30 - 9:45 **Introduction by Conference Co-Chairs**

Stefano Ferretti, Space Policy Officer (ESA) & Resident Fellow (ESPI)

Kai-Uwe Schrogl, Chief Strategy Officer (ESA)

Niklas Hedman, Chief Committe, Policy & Legal Affairs Section (UNOOSA)

9:45 - 11:00 **Session 1 – Innovation & Exploration**

Co-chairs: **Yeshey Choden**, Ministry of Information and Communications (Bhutan)

Clelia Iacomino, Resident Fellow (ESPI)

Rapporteur: **Daniel Garcia Yarnoz**, Programme Officer (UNOOSA)

Speakers: **Luciano Saccani**, Director, International Business Development (Sierra Nevada Corporation)

Fuki Taniguchi, Deputy Director of Paris Office (JAXA)

Andrea Vena, Head of Corporate Development Office (ESA)

Antonio Martelo, CEF Institute of Space Systems (DLR)

Veronica La Regina, HRE Strategy & Business Dev. Officer (RHEA System B.V. for ESA)

Mauro Ricci, ICE Cubes Project Manager (Space Applications Services)

11:00 - 11:15 **INSPIRATION TALK “Knowledge management in the context of the 4th industrial revolution and Space 4.0” Roland Walter, Professor at Science Data Centre (Université de Genève)**

11:15 - 12:30 **Session 2 – Space for Global Health**

Co-Chairs: **Natalia Archinard**, Head of Swiss Delegation to UN COPUOS (Federal Department of Foreign Affairs)

Beth Healey, Former ESA Medical Doctor at Spaceflight Analogue Concordia (Antarctica)

Rapporteur: **Lorant Czarán**, Programme Officer (UNOOSA)

Speakers: **Chiaki Mukai**, Senior Advisor and Astronaut (JAXA)

Ramesh Krishnamurthy, Senior advisor Department of Information, Evidence and Research, Health Systems and Information Cluster (World Health Organization)

Edith Rogenhofer, GIS unit (Médecins Sans Frontières)

Engelbert Niehaus, Full Professor at Institute for Mathematics (University of Koblenz-Landau)

Zhuang Dafang, Institute of Geographic Sciences and Natural Resources Research, Chinese Academy of Sciences(CAS)

Beth Healey, Former ESA Medical Doctor at Spaceflight Analogue Concordia (Antarctica)

12:30 - 13:00 **Buffet Lunch**

13:00 - 13:30 **Key Note “Space 4.0”, Kai-Uwe Schrogl, Chief Strategy Officer, ESA**

13:30 - 15:15 **Session 3 – Climate Change and Resilient Societies**

Co-Chairs: **Luc St-Pierre**, Chief of the Space Applications Section (UNOOSA)

Ana Ávila, Costa Rica Delegation to UN COPUOS

Rapporteur: **Shirishkumar Ravan**, Senior Programme Officer (UNOOSA)

Speakers: **Juan Garces de Marcilla**, Director Copernicus Services (ECMWF)

Simon Jutz, Head of Copernicus Space Office (ESA)

Mioara Manda & Juliette Lambin, Innovation, Application and Science Directorate (CNES)

Toshiyuki Kurino & Werner Balogh, Space Programme Office (WMO)

Stéphane Ourevitch, Copernicus Support Office (EC)

Grazia M. Fiore, User Programme Coordinator (Eurisy)

Luc St-Pierre, Chief of the Space Applications Section (UNOOSA)

15:15 - 15:30 **INSPIRATION TALK “Earthquakes and Space”, Valerio Tramutoli, Professor at Faculty of Engineering (Università degli Studi della Basilicata)**

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15:30 – 16:45 Session 4 - Capacity Building for the XXI century

Co-chairs: **Isabelle Duvaux-Béchon**, Head of Member States Relations and Partnerships Office (ESA)
Funmilayo Erinfolami, Scientific Staff (UN Regional Center, Nigeria)

Rapporteur: **Jorge Del Rio Vera**, Programme Officer (UNOOSA)

Speakers: **Roya Ayazi**, Secretary General (NEREUS)
Clementine Decoopman, Executive Director (SGAC)
Massimo Bandecchi, Head of Systems and Concurrent Engineering Section, Directorate of Technical and Quality Management (ESA)
Servatius Van Thiel, Minister Counsellor at UNIDO, UNCITRAL, UNCOPUOS (European External Action Service in Vienna)
Paolo Giommi, Senior Scientist, International Relations Unit (ASI)

16:45 - 17:00 Wrap-up by conference co-chairs

Stefano Ferretti, Space Policy Officer (ESA) & Resident Fellow (ESPI)

Kai-Uwe Schrogl, Chief Strategy Officer (ESA)

Niklas Hedman, Chief Committe, Policy & Legal Affairs Section (UNOOSA)

17:00 - 17:15 CONCLUDING SPEECH, Otto Koudelka, Professor and Head of the Institute of Communications Networks and Satellite Communications (TU Graz)

17:15 Closing by Jean-Jacques Tortora, Director (ESPI)

Speakers' affiliations:



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra



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