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esa

History Project

Space History Conference

Palazzo Bo, Padua University, Italy, 23-24 November 2017

Thursday 23 November 2017 (Aula Magna)

08:30 **Registration of participants**

09:45 **Greetings from local dignitaries**

10:00 **Welcome address by the Director General of the European Space Agency (ESA)**

Message from Johann-Dietrich Wörner

10:05 **Opening address by the President of the Italian Space Agency (ASI)**

Roberto Battiston

10:15 **Message from ESA Astronaut Paolo Nespoli, aboard the International Space Station**

10:30 **The ESA History Project**

Scope and objectives

Nathalie Tinjod, ESA History Project Office

Panel discussion with members of ESA History Project Academic Council (EHPAC)

John Krige, EHPAC Chairman

Doug Millard, Science Museum, London,

Isabelle Sourbès-Verger, Centre Alexandre Koyré, Paris

Helmuth Trischler, Forschungsinstitut des Deutschen Museums, Munich

Antonio Varsori, Università degli Studi, Padova

11:15 **Sputnik 60+ : whither space?**

John Krige, Kranzberg Professor, School of History, Technology and Society, Georgia Institute of Technology, Atlanta

11:45 **The moving frontier of space exploration**

Sylvestre Maurice, Research Institute in Astrophysics and Planetology (IRAP), Deputy Principal Investigator for Curiosity ChemCam (supported by the Centre national d'études spatiales, CNES), Mars 2020 SuperCam, ExoMars Raman Laser Spectrometer

12:15 **Questions and answers session**

12:45 Lunch break (Sala delle colonne)

14:00 **International cooperation in space science: a 60 year overview**

Roger-Maurice Bonnet, Astrophysicist, former ESA Science Programme Director, International Space Science Institute, Bern

14:45 **From the Outer Space Treaty to UNISPACE 50+**

Message from Simonetta di Pippo, Director, United Nations Office for Outer Space Affairs
Marco Ferrazzani, ESA Legal Counsel, and Head of the Legal Services Department

15:30 Coffee break (Sala delle colonne)

15:45 **Space diplomacy, Science diplomacy: how they interact and what is at stake?**

Isabelle Sourbès-Verger, CNRS, Centre Alexandre Koyré, Paris
Piero Messina, EHESS, Centre Alexandre Koyré, and ESA Strategy Department

16:30 **Inventing a shared Science Diplomacy for Europe : the InsSciDE project**

Claire Mays, Institut Symlog de France, Paris

16:45 **The Sputnik effect: a comparative international approach**

David Burigana, Centro di Ateneo di Studi e Attività Spaziali (CISAS), UNIPD
Stuart Butler, Research and Public History Department, Science Museum, London
Evanthis Hatzivassiliou, History of the Post-WWII World, University of Athens
Leopoldo Nuti, International Studies, Università Degli Studi Roma Tre
Sergey Radchenko, International Relations, Cardiff University
Antonio Varsori, Political Science, Law & International Studies Department, UNIPD

18:15 **Message from film Director Susanna Nicchiarelli about *Cosmonauta* and *Sputnik 5***

Cosmonauta, 2009, coming-of-age film written and directed by Susanna Nicchiarelli, won the Controcampo Italiano at the 66th Venice International Film Festival and the Ciak d'oro for best first work.

Sputnik 5, 2009, written with Stefano Cravero, best animation film at Brooklyn International Film Festival, was also awarded the Nastro d'Argento for best animation short in 2010.

20:00 Social Dinner (Caffé Pedrocchi)

All registered participants are cordially invited to the dinner taking place via VIII Febbraio, 15, Padua, at walking distance from the Palazzo Bo.

<https://atpi.eventsair.com/QuickEventWebsitePortal/esa-space-history-conference/website>

Friday 24 November 2017 (Archivio Antico)

09:00 **Preserving and promoting the science and technology Heritage**

Moderated by Piero Messina

Message from Alice Gorman, Space Archaeology, Flinders University, Adelaide

Justin St.P. Walsh, Co.PI, ISS Archaeological Project, Chapman University, Orange, California

Anna P. Sidorenko, Coordinator, Astronomy and World Heritage thematic initiative, UNESCO World Heritage Centre, Paris

Doug Millard, Deputy Keeper Technologies and Engineering, Science Museum, London

Dieter Schlenker, Director, Historical Archives of the European Union, European University Institute (HAEU/EUI), Florence

Helmuth Trischler, Head of the Research Department, Deutsches Museum, and Professor of modern history and history of technology, Ludwig-Maximilian University (LMU), Munich

10:30 **What contribution can oral history make to the writing of the history of organisations?**

Jean-Marie Palayret, Associated professor (2003-2010), History of the European integration, Institut des Hautes Etudes européennes, Strasbourg, former HAEU Director, EUI, Florence

11:00 Coffee Break (Sala delle colonne)

11:15 **Space History: a tool to support decision-making?**

Moderated by John Krige

Message from Bill Barry, NASA's Chief Historian, Washington

Jean-Louis Fellous, Executive Director, Committee on Space Research (COSPAR), Montpellier

Dmitry Payson, Director, Roscosmos Research and Analysis Center, Chair, IAF/IAA/IISL Advisory Committee on History Activities, Moscow

Jean-Jacques Tortora, Director, European Space Policy Institute, Vienna

12:15 **Governance: past, present and future perspectives for space agencies**

Bo Andersen, Director General, Norsk Romsenter, ESA Council Delegate, former Co-Chair

Luciano Guerriero, Physicist, Bari University, former President of the Italian Space Agency

13:00 Lunch break (Sala delle colonne)

13:45 **To Infinity and Back: European Astroculture and the Technopolitics of Outer Space, 1942–1972**

Alexander C.T. Geppert, Associate Professor of History and European Studies, New York University, Shanghai and Center for European and Mediterranean Studies, NYC

14:15 **Recent scholarly work on European spaceflight**

Spaceplane HERMES, Europe's Dream of Independent Manned Spaceflight,
Luc van den Abeelen
Human Spaceflight, the European trajectory (outline of ongoing research work)
Anne de Floris

14:45 **Pitches by young scholars**

Moderated by Isabelle Sourbès-Verger

Young scholars and students selected through a call for contributions will present their research work and interact with Bo Andersen, Roger Bonnet and Luciano Guerriero.

European Tools for Independence: Ariane and European Fighter Aircraft, Sara Venditti
A legal history of Europe's spaceport, Eloi Petros

15:30 Coffee Break (Sala delle colonne)

15:40 Under One Sky: European-Chinese Cooperation and the Role of ESA (1975-1989), Lorenzo M. Capisani

Beyond the Space Race: International Cooperation Between Emerging Space Programs in Europe, Brazil, and the United States, Cara Cavanaugh

The bilateral relations between France and the Soviet Union in the space domain: an attempt to cooperate during the Cold War, Laurence Nye (outline of ongoing research work)

All Over the World: Mid-Twentieth Century Radio Astronomy and the Origin of the International SETI Network, Rebecca Charbonneau

The Earth observation turn: from the center to the periphery of space-related science in France. The case of POLDER, Gemma Cirac

Tracing the origins of space security, Paweł Frankowski

Regulatory perspectives for small satellites' rational exploitation, Orsola Greco

17:15 **Award Ceremony for best paper**

17:20 **Closing remarks**

John Krige, on behalf of the ESA History Project Academic Council
Antonio Varsori, on behalf of the Università degli Studi di Padova

ESA History Project Office
European Space Agency
8-10 rue Mario Nikis
F-75738 Paris Cedex 15
T +33 (0)1 53 69 75 67
young.spacehistory@esa.int