

PROGRAMME

Outer Space Affairs -
A Key Domain in International Politics

03.09. - 08.09.2023

03.09.2023

Sunday

19.00h

Welcome Dinner

[Rheinhotel Dreesen, Rheinstrasse 45-49, 53179, Bonn](#)

04.09.2023

Monday

09.00h

Welcome Address

Dr. Maysoun Zein Al Din, Executive Director of the Academy of International Affairs NRW

09.30h

The Future of Global Space Governance: Proactive Multilateralism of the UN Level

[Prof. Dr. Simonetta Di Pippo, former Director of the United Nations Office for Outer Space Affairs \(UNOOSA\)](#)

11.00h

Coffee Break

11.30h

Militant Astroculture and the Geopolitics of Outer Space in the 20th Century

[Prof. Dr. Alexander C.T. Geppert, New York University \(NYU\)](#)

13.00h

Lunch Break

15.00h

Working Group A

[Rheinhotel Dreesen, Rheinstrasse 45-49, 53179, Bonn](#)

International Space Governance: UN Processes Ana Ávila Becerril

Technology as the Prerequisite for Ordering and Governance: Selected Case Studies of International Space Policy Arne Sönnichsen

The Current Colonial Conditions of Lunar Exploration and Exploitation Natalie Treviño

A South African Perspective on Outer Space Affairs Jaymion Hendricks

18.00h

Working Group B

[Academy of International Affairs NRW, Rheinallee 24, 53173, Bonn](#)

Global Space Governance and Technological Development

Laura Jamschon Mac Garry

International Space Policy in the Context of Civil Exploration and Use of the Celestial Bodies Christine Schmitz

Questions of Earth's Detectability and Preparations for Post-Detection Chelsea Haramia

India's Space Programme Vaibhav Rawat

05.09.2022

Tuesday

09.00h	<p>Problems and Challenges of Space Law <u>Prof. Dr. Dr. h.c. Dr. h.c. Stefan Hobe, University of Cologne</u></p>
10.30h	<p>Coffee Break</p>
11.00h	<p>Arms Race in Outer Space (remote) <u>Dr. Rajeswari Pillai Rajagopalan, Director of the Centre for Security, Strategy and Technology (CSST) at the Observer Research Foundation, New Delhi</u></p>
12.30h	<p>Lunch Break</p>
15.00h	<p>Working Group A <u>Rheinhotel Dreesen, Rheinstrasse 45-49, 53179, Bonn</u></p> <p>Preventing an Arms Race in Outer Space: Challenges and Opportunities Adam Bower</p> <p>The Israel Space Agency Strategic Program Moran Kogan</p> <p>The Impacts of the War in Ukraine on the Space Sector Lina Pohl</p> <p>Analogy in Space Law Krisztina Tilinger</p>
18.00h	<p>Working Group B <u>Academy of International Affairs NRW, Rheinallee 24, 53173, Bonn</u></p> <p>Framing the Prevention of an Arms Race in Outer Space: An (Un)Successful Macrosecuritization? Tegan Harrison</p> <p>Defence Space: How Space is Already Integrated into Modern Day Warfare and What Lessons Can We Draw from the War in Ukraine Juliana Suess</p> <p>International Collaborations of the Brazilian Space Program Pedro Ivo Ferraz da Silva</p> <p>An Overview of the Outer Space Policy of the Republic of Cyprus Pericles Stivaros</p>
18.45h	<p>Meeting at the Hotel Lobby for Walk 'n' Dinner <u>Schaumburger Hof, Am Schaumburger Hof 10, 53175, Bonn</u></p>

06.09.2023

Wednesday

08.15h	<p>Meeting at the Hotel Lobby for Visit to the German Airspace Center DLR Visitor entrance DLR, Planitzweg, 51147, Cologne-Wahn</p>
09.30h	<p>Greeting and Introduction DLR Cologne Dr. Rolf-Dieter Fischer, Head of Technology Marketing DLR</p>
09.45h	<p>Guided Tour DLR</p> <p>High-Flux Solar Furnace, Institute of Future Fuels Building 18</p> <p>:EnviHab, Institute of Aerospace Medicine Building 10</p> <p>MUSC, Microgravity User Support Center Building 29</p>
12.15h	<p>Lunch Break Building 53</p>
13.00h	<p>Discussion and Exchange Dr. Walther Pelzer, Director General, German Space Agency at DLR</p>
16.00h	<p>Working Group A Rheinhotel Dreesen, Rheinstrasse 45-49, 53179, Bonn</p> <p>The Future of Space Industry in France and Germany Gilles Rabin</p> <p>The Role of the Private Sector in the Development of Africa's Space Industry Frederick Boamah</p> <p>Regulating and Supporting Commercial Space Activities Ingo Baumann</p>
-	<p>Working Group B Academy of International Affairs NRW, Rheinallee 24, 53173, Bonn</p> <p>Europe in Space: Actors, Activities, Complexities Nicolas Peter</p>
18.00h	<p>Management of the EU Space Programme Components: GALILEO/EGNOS, Copernicus, GOVSATCOM and SST Philipp Scheidemann</p> <p>Spaceport Esrange – Mainland EU's First Orbital Launch Site Henrik Ågren</p>

07.09.2023

Thursday

09.00h

The Commercialisation of Outer Space

Dr. Sarah Lieberman, Canterbury Christ Church University

10.30h

Coffee Break

11.00h

Discussion on European Aerospace Politics

Prof. Dr. Jan Wörner (former ESA president), Dr. Gilles Rabin (French Embassy in Berlin) and Prof. Mai'a Davis Cross (Northeastern University)
Host: Michael Krons (former ARD / ZDF journalist)

12.30h

Lunch Break

14.00h

Closing of the Summer Academy

15.00h

Coffee Break

19.30h

Farewell Party

Academy of International Affairs NRW, Rheinallee 24, 53173, Bonn



SPEAKERS

**Outer Space Affairs -
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DAVIS CROSS, Mai'a K.

Mai'a K. Davis Cross is the Dean's Professor of Political Science, International Affairs, and Diplomacy and Director of the Center for International Affairs and World Cultures at Northeastern University. She has written extensively on European and transatlantic relations, including in the area of space policy. In May 2023, she published a special issue entitled, *Space Diplomacy*, with the *Hague Journal of Diplomacy*. She is author or editor of six books, including *International Cooperation Against All Odds: The Ultrasocial World* (Oxford University Press, Fall 2023), *The Politics of Crisis in Europe* (Cambridge University Press, 2017) and *Security Integration in Europe: How Knowledge-based Networks are Transforming the European Union* (University of Michigan Press, 2011), which is the 2012 winner of the Best Book Prize from the University Association of Contemporary European Studies. She holds a PhD in Politics from Princeton University, and a bachelor's degree in Government from Harvard University. She is also a member of the Council on Foreign Relations.

DI PIPPO, Simonetta

Simonetta Di Pippo is Professor of Practice of Space Economy and Director of the Space Economy Evolution Lab (SEE Lab), SDA Bocconi. From 2014 to 2022 she was Director of UNOOSA (United Nations Office for Outer Space Affairs). Astrophysicist by training (Università "La Sapienza"), she was awarded with two honoris causa degrees, in Environmental Studies and a PhD in International Affairs. Author of 'Space Economy – the new frontier for development' - Bocconi University Press. She served as Director of Human Spaceflight at ESA, Director of the Observation of the Universe at the Italian Space Agency and led the 'European Space Policy Observatory at ASI-Brussels. She is an Academician of IAA (International Academy of Astronautics) and member of the World Economic Forum Global Future Council on spazio since 2016. In 2009 she founded Women in Aerospace Europe and was the first woman to receive the Hubert Curien Award.

GEPPERT, Alexander

Alexander Geppert is Associate Professor of History and European Studies at New York University, with a joint appointment at NYU New York and NYU Shanghai. From 2010 to 2016 he directed the Emmy Noether research group 'The Future in the Stars: European Astroculture and Extraterrestrial Life in the Twentieth Century' at Freie Universität Berlin. He has held the Charles A. Lindbergh Chair at the Smithsonian National Air and Space Museum, served as Eleanor Searle Visiting Professor at Caltech and will be scholar-in-residence at the Deutsches Museum in 2023/24. His book publications include a trilogy on European astroculture, consisting of *Imagining Outer Space* (2018, ed.); *Limiting Outer Space* (2018, ed.); and *Militarizing Outer Space* (2021, co-ed.). He is currently at work on two monographs, *The Future in the Stars: Europe, Astroculture and the Age of Space*, and a sequel, *Planetizing Earth: An Extra-Terrestrial History of the Global Present*. He also runs a lecture series, 'NYU Space Talks' (space-talks.com).

HOBE, Stephan

Professor Dr. Dr. h.c. Dr. h.c. Stephan Hobe is the director of the Institute of Air Law, Space Law and Cyber Law as well as co-director of the International Investment Law Centre Cologne at the University of Cologne. He is a member of various academic associations. Among other things, he is President of the German Society for International Law since 2023. Professor Hobe's scientific Oeuvre encompasses books on public international law (11th ed. 2020), European law (11th ed. 2023) and space law (2nd ed. 2023) as well as editorships (e.g. of the *Cologne Commentary on Space Law*) and more than 350 articles on German public law, public International law, international investment law, air law, space law and cyber law. He teaches as a guest professor at various universities in Europe, Africa and Asia.

KRONS, Michael

Michael Krons began his career as a journalist 1988 at the FAZ (Frankfurter Allgemeine Zeitung). After building up the first German news channel "n-tv" in 1992 he went to the ARD for "Tagesschau" and "Tagesthemen" as parliamentary correspondent in Bonn. In 1998, he became a leading editor at "frontal" (ZDF), the leading German investigative program. From 2010 until 2022, Mr. Krons moderated his own show "Phoenix DER DI-ALOG/personal". Since the beginning of his retirement, Mr. Krons has been working as a lecturer at the University of Bonn and is involved in projects of the EU Commission. He also advises on political communication.

LIEBERMAN, Sarah

Sarah Lieberman has been Senior Lecturer in Politics and International Relations at Canterbury Christ Church University since 2007. Her research is focussed on outer space policy. Dr Lieberman is also research fellow at ESSCA Business School in Angers. Sarah completed her PhD at Newcastle University in 2007 on genetically modified foods and crops. She currently leads the Masters programme at CCCU Security & IR, teaches undergraduate and post graduate courses on security and supervises PhD students on Space Politics. Sarah is the co-convenor of the AstroPolitics working group at BISA, and publishes widely on space: her main interest is in the international political economy of space, and the emerging commercial sector. As an academic commentator, Dr. Lieberman also works with radio and TV stations in the UK, discussing and analysing political issues emerging in the news.

RABIN, Gilles

Gilles Rabin is the space advisor to the French Embassy in Berlin, after having been Director of Innovation, Applications and Science at CNES until the end of 2021. He holds a doctorate in economics and is a graduate of the French Press Institute Paris II Assas. He began his career as Director of the Transportation Department and Deputy Director of the Local Development Department at Bipe Conseil. In 1996, he became Deputy Director of the Nancy Urban Planning Agency. He continued his career as General Manager of the Essone Expansion Committee. He then became General Delegate for Economic Development and Land Policy at the Greater Lyon Urban Community in 2008, and then held the same position at the Nice Metropolis. From 2012 to 2014, Gilles Rabin was an advisor to the cabinet of the Minister of Economy, Productive Redress and Digital Economy in charge of decentralization, small and medium-sized enterprises and business start-ups, transport and health sectors. From 2015 to 2017, he was Advisor in charge of innovation and research to the Secretary of State for Higher Education and Research, Thierry Mandon.

PILLAI RAJAGOPALAN, Rajeswari

Dr. Rajeswari (Raji) Pillai Rajagopalan is the Director of the Centre for Security, Strategy & Technology (CSST) at the Observer Research Foundation, New Delhi. She is also a Senior Fellow at the Australian Strategic Policy Institute (ASPI) in Canberra. In 2020, she was Co-chair for a thematic group on "Strategic Technologies" for Science, Technology, and Innovation Policy (STIP 2020) work, attached to the Office of Principal Scientific Advisor, Government of India and Department of Science and Technology, Government of India. Dr. Rajagopalan was the Technical Advisor to the United Nations Group of Governmental Experts (GGE) on Prevention of Arms Race in Outer Space (PAROS) (July 2018-July 2019). As a senior Asia defence writer for The Diplomat, she writes a weekly column on Asian strategic issues. She was also a Visiting Professor at the Graduate Institute of International Politics, National Chung Hsing University, Taiwan in 2012. Dr. Rajagopalan has authored or edited ten books including ORF-Global Policy Journal Special Issue, Future Warfare and Technology: Issues and Strategies (2022) among others.

WÖRNER, Johann-Dietrich

Johann-Dietrich Wörner became President of the National Academy of Science and Engineering (acatech) in Germany in March 2021. He was Director-General of the European Space Agency from 2015 to 2021, Chairman of the Executive Board of the German Aerospace Center from 2007 to 2015, President of the Darmstadt University of Technology from 1995 to 2007 and Head of the Department of Civil Engineering at the Darmstadt Institute of Technology from 1992 to 1994. He studied civil engineering at the Technical University Berlin and TU Darmstadt, from where he graduated in 1979. In 1982, as part of his studies, he spent one year in Japan, investigating earthquake safety of nuclear power plants. He received his PhD in Civil Engineering from the Darmstadt University in 1985. He is a member of the acatech, the German National Academy of Sciences (Leopoldina) and the Berlin-Brandenburg Academy of Sciences and Humanities.