

ECSL PRACTITIONERS' FORUM



14 October | 14 - 17.30
(CET) ONLINE

Register here:

https://www.lyyti.in/ECSL_Practitioners_Forum_3084



Panel 1: Artificial Intelligence and Satellite Technology

14:00 Introduction and opening words: **Rosanna Hoffmann**, Executive Secretary, ECSL and **Nicholas Puschman**, Associate, Bird & Bird and ECSL Board Member

14:05 **Keynote Speaker: Elodie Viau**, Director of Telecommunications and Integrated Applications, ESA

14:15 - 15:15

Moderation by Stijn Lemmens, Space Debris Analyst, ESA

This first panel will discuss the current use of AI in space technology and how the European space sector, both private industry and organisations like ESA, is looking to develop further AI applications. In addition to covering some recent industry developments and AI applications today (e.g. Earth observation, space debris monitoring), we will also discuss some of the legal, regulatory and policy questions raised by the use of AI in space technology – from the regulation of such technology at a European level, its regulation in the context of the space/satellite sectors and questions of liability.

- **Philippe Achilleas, Professor for Public International Law, Université Paris-Saclay**
- **Ioana Bratu, Lawyer & Lecturer in AI and Space Law, Vrije Universiteit Amsterdam**
- **Christian Karrasch, Research Area Manager, DLR**
- **Gabriele Mazzini, Legal and Policy Officer, European Commission**



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Panel 2: Blockchain Capabilities in Outer Space

15:15 - 16:15

Moderation by Tim Flohrer, Head of the Space Debris Office, ESA

Blockchain continues to be one of the most talked about disruptive technologies and in recent years, there has been an increased interest in industry about its possible applications in outer space. This panel will take stock of some recent industry developments, the use of blockchain in other sectors, applications (both current and future in outer space) and, of course, legal and regulatory issues. It will also provide an opportunity to discuss recent European developments.

- **Timiebi U. Aganaba, Assistant Professor, Arizona State University**
- **Martin von Haller Grønbæk, Partner at Bird & Bird**
- **Luigi Scatteia, Partner, PwC France**
- **Markus Wallum, Systems Engineer, ESA**



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16:15 - 17:15

Moderation by Nicholas Puschman, Associate, Bird&Bird

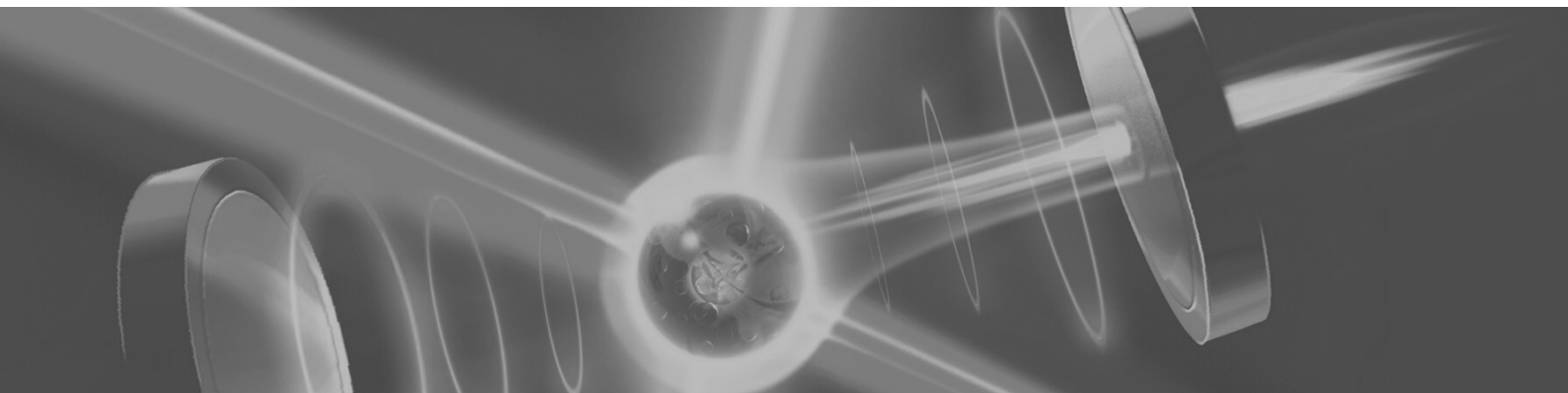
This panel will address the rise in quantum computing and specifically the possible uses of quantum in space applications, e.g. for cybersecurity purposes. On Earth and in space, quantum computing raises several legal, policy and regulatory questions – from contracting for quantum, liability, the use of personal data (and other data) in quantum computing and regulation. How these legal issues will apply in the context of quantum technology in space remains unclear, but the drive by industry will require discussion on these legal topics.

- Ingo Baumann, Lawyer and Partner, BHO
- Eric Wille, Optical System Engineer, ESA

17:15 - 17:130

Concluding remarks: Rosanna Hoffmann, Executive Secretary, ECSL

***NOTE: Further panellists to be announced in due course.**



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