PRACTITIONERS' FORUM 2020
23 April 2020 - ESA ESOC, Darmstadt, Germany:
ARTIFICIAL INTELLIGENCE AND THE SPACE SECTOR

Description of the event:

The Practitioners' Forum is one of the largest events in the ECSL calendar, bringing together lawyers and professionals from across the space industry and related sectors to discuss a topic of particular interest to the industry. The 2020 Practitioners' Forum will focus on the current use and future opportunities of artificial intelligence on the space operations and the key legal and regulatory considerations of this development. In addition to presentations from leading lawyers in this field, representatives from the space and satellite industries and from the European Space Agency, this event will provide excellent networking opportunities.

Part I: setting the scene for AI [Moderator: Nicholas Puschman] Press Center – ESA ESOC	
9.00-9.30 Registration and welcome coffee	
9.30-9.35 Welcome words from ECSL	Chehineze Bouafia, ECSL Executive Secretary
9.40- 10.00 Keynote address on AI, ESA and space	Johann-Dietrich Wörner, ESA Director General
10.00 – 10.20 Setting the scene: what is AI?	(TBC)
10.20 – 10.50 Whistle-stop tour of the legal aspects of AI (common to all sectors): liability, intellectual property, data ownership and processing	Fabian Niemann, Bird & Bird Dusseldorf
10.50 – 11.10 AI-supported technology	Kim Dressendörfer, IBM

11.10 – 11.40 Coffee and networking Display of AI *[ECSL and ESA stand available during the break]*	

Part II: AI and the space sector moderated by [Nicholas Puschman]	
11.40 – 12.10 The space market and AI: current state, predictions, expectations…	Maxime Puteaux, Euroconsult
12.10 – 12.40 ESA and AI	Alessandro Donati, ESA Advanced Mission Concepts and Technologies Office
12.20 – 12.40 Legal aspects of AI in the space sector	Philippe Achilleas, University of Paris-Saclay

12.40 – 13.10 The view from the space sector: the current opportunities and challenges of AI and space – business, policy, legal and technical considerations	Moderator: Marco Ferrazzani Agnieszka Lukaszcyk, Planet Daniela Genta, Airbus Defence and Space Ingo Baumann, BHO Legal
13.10-14.20 Lunch and networking	
Part III: comparative analysis of AI and other sectors – lessons to be learned for space [Nicholas Puschman]	
14.20-14.50 Regulating AI: the use of AI in the sector of transportation	(Speaker TBC)
14.50 – 15.10 Ethical aspects of AI	(Speaker TBC)

15.10 – 15.30 The challenges of AI in other sectors: security	(Speaker TBC)
15.30-16.00 The uses of AI today and lessons to be learned for the space sector	Moderator: Jenni Tapio Jolanda van Eijndthoven, EU Commission Sarah Moens, DLA Piper Holger Krag, ESA
16.00 – 16.30 Coffee and networking	
16.30 – 17.30 In-depth mini-workshops (i) Opportunities for public and private collaborations (ii) Minimising risk: contracting and liability	Speakers: (i) Ioanna Thoma, ESA (ii) Ingo Baumann, BHO Legal
17.30-17.45 Q&A, closing remarks	Rolf Densing, ESA Director of Operations and Head of ESOC Chehineze Bouafia, ECSL Executive Secretary
17.45-19.00 drinks reception	ESOC Canteen