

**Data Protection Day 2025**

# **Report of Contributions**

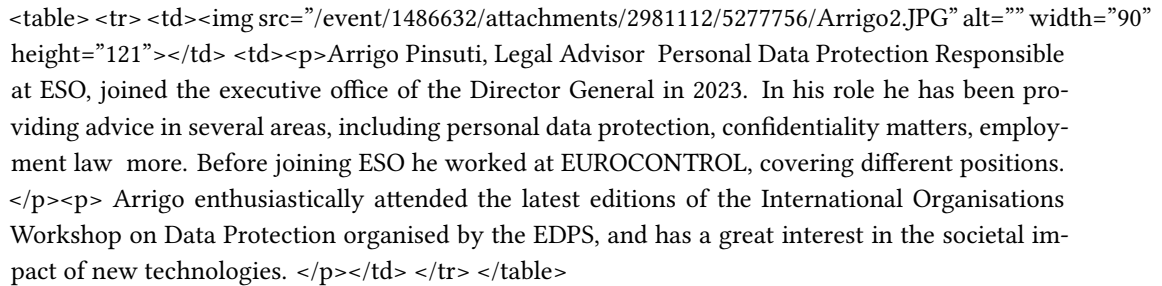
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## Opening of the event

*Tuesday 28 January 2025 13:00 (5 minutes)*

- About the speaker: Arrigo Pinsuti, Legal Advisor & Personal Data Protection Responsible at ESO,

	<p>Arrigo Pinsuti, Legal Advisor Personal Data Protection Responsible at ESO, joined the executive office of the Director General in 2023. In his role he has been providing advice in several areas, including personal data protection, confidentiality matters, employment law more. Before joining ESO he worked at EUROCONTROL, covering different positions.</p> <p>Arrigo enthusiastically attended the latest editions of the International Organisations Workshop on Data Protection organised by the EDPS, and has a great interest in the societal impact of new technologies.</p>
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**Presenter:** Mr PINSUTI, Arrigo (ESO)

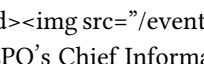
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## Welcome Address

*Tuesday 28 January 2025 13:05 (10 minutes)*

- About the speaker: Diego Eguidazu Alonso, Chief Information Officer, Business Information Technology

 <p>Diego has served as the EPO's Chief Information Officer since 2019. In this role he has been a key contributor to the EPO's digital transformation, combining his expertise in technology and leadership to steer information management in a rapidly evolving digital landscape. Before joining the EPO, he had a career in IT management, working in various International Organisations.</p> <p>Diego chairs the SACEPO Working Party on e-Patent Process, the dedicated user forum accompanying the EPO's efforts in digital transformation. His professional experience has given him a keen interest in innovation, new technologies, AI and IT sustainability.</p>
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**Presenter:** Mr EGUIDAZU ALONSO, Diego (EPO)

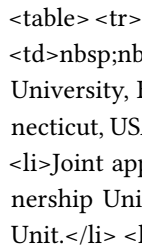
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## What is AI and how does it work?

*Tuesday 28 January 2025 13:15 (15 minutes)*

- About the speaker: Prof. Dr. Jan Korbel, Head of Data science Centre at EMBL

	<ul style="list-style-type: none"><li>• PhD, 2005, EMBL Heidelberg/Humboldt University, Berlin, Germany.</li><li>• Postdoctoral research at Yale University, New Haven, Connecticut, USA.</li><li>• Group leader at EMBL since October 2008. Senior scientist since 2016.</li><li>• Joint appointment with EMBL-EBI.</li><li>• Senior Scientist in the Molecular Medicine Partnership Unit</li><li>• Head of Data Science since 2020.</li><li>• Faculty Member of the ELLIS Unit.</li><li>• ERC Investigator since 2014.</li></ul>
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**Presenter:** Prof. KORBEL, Jan (EMBL)

Contribution ID: 5

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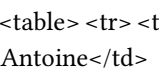
# ASK ESA - Implementation of a corporate Large Language Model (LLM) on a self-hosted environment

*Tuesday 28 January 2025 13:30 (30 minutes)*

• Short abstract:

The European Space Agency (ESA) is currently developing a Large Language Model (LLM) called ASK ESA, designed to enhance knowledge management and operational efficiency. Fully deployed on-premises, ASK ESA ensures high standards of security and data privacy by keeping all data within ESA's controlled infrastructure. This cutting-edge AI system leverages advanced natural language processing to provide accurate, context-aware responses while aligning with ESA's stringent data protection protocols. The project underscores ESA's commitment to innovation and safeguarding sensitive information.

• About the speaker:

	Charles-Antoine Poncet is an experienced technology professional with a strong background in artificial intelligence, innovation, and systems design. With a proven track record of leading complex AI-driven projects in international organizations, including the European Space Agency and the United Nations, he specializes in leveraging AI to drive sustainability and global development goals.
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**Presenter:** Mr PONCET, Charles Antoine (ESA)

Contribution ID: 7

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## Closing Words

*Tuesday 28 January 2025 14:40 (5 minutes)*

**Presenter:** PINSUTI, Arrigo (ESO)

Contribution ID: 8

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## AI opportunities - Practical examples from our organisations

Tuesday 28 January 2025 14:00 (40 minutes)

Technical experts from EPO, EMBL and CERN will present practical applications of AI systems in their organisations, may it be in the domain of productivity or for research purposes, and explain the benefits they generate.

After the talks of a total length of 30 minutes the participants have 10 minutes for questions and answers.

• About the speakers:

**Diego Eguidazu Alonso**, Chief Information Officer, Business Information Technology

Diego has served as the EPO's Chief Information Officer since 2019. In this role he has been a key contributor to the EPO's digital transformation, combining his expertise in technology and leadership to steer information management in a rapidly evolving digital landscape. Before joining the EPO, he had a career in IT management, working in various International Organisations. Diego chairs the SACEPO Working Party on e-Patent Process, the dedicated user forum accompanying the EPO's efforts in digital transformation. His professional experience has given him a keen interest in innovation, new technologies, AI and IT sustainability.

**Prof. Dr. Jan Korbel**, Head of Data science Centre at EMBL

PhD, 2005, EMBL Heidelberg/Humboldt University, Berlin, Germany. Postdoctoral research at Yale University, New Haven, Connecticut, USA. Group leader at EMBL since October 2008. Senior scientist since 2016. Joint appointment with EMBL-EBL. Senior Scientist in the Molecular Medicine Partnership Unit. Head of Data Science since 2020. Faculty Member of the ELLIS Unit. ERC Investigator since 2014.

**Sofia Vallecorsa**, Leader of the Computing Data Science Section, IT department, CERN

Sofia is a researcher in the fields of Scientific Computing, Machine Learning and Quantum Computing with applications in High Energy Physics at CERN. PhD in Physics, she has expertise in Machine Learning and Deep Learning. Currently, she focuses on the intersection between AI and Quantum Computing. She is the coordinator of the CERN Quantum Technology Initiative, leading a team dedicated to the investigation of the potential impact of quantum technologies in High Energy Physics.

**Lucy Lockwood**, Business Analyst, SCE department, CERN

Lucy Lockwood has 20 years' experience as Data and Business Analyst, User Experience Advocate, Product Manager.

**Presenters:** EGUIDAZU ALONSO, Diego (EPO); Prof. KORBEL, Jan (EMBL); LOCKWOOD, Lucy (CERN); Dr VALLECORSA, Sofia (CERN)