

WS56 Data Spaces Beyond the Basics: Toward Operational AI and Robotics



Franziska Kirstein

Blue Ocean Robotics

European Robotics Forum 2026



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Workshop Agenda

- **16:00 - 16:15** Introduction & Overview
 - Introduction and goal of the workshop
 - Audience input: Poll
 - Short video by IDSA on the topic
- **16:15 - 16:55** Keynote Talks
- **16:55 - 17:15** Panel Discussion
- **17:15 - 17:20** Conclusions



Goal of the Workshop

ERF 25

Highlight the **potential benefits of Data Spaces** for the development of AI and robotic applications in the Mobility, Industrial and Healthcare domains

ERF 26

Real-world implementation **challenges**, alignment between **technical enablers and market requirements** and **concrete actions** to support more robotics/AI use cases

ERF 27?

Outlook and expectations



Overall Workshop Questions

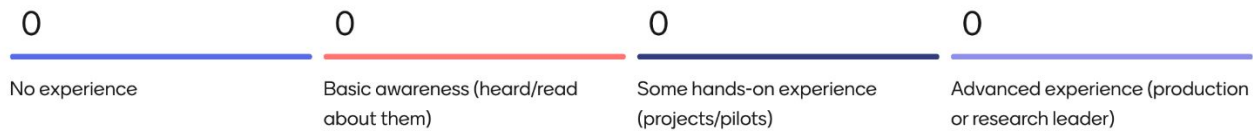
- How can **Data Spaces accelerate innovation** for AI developers, robotics providers, and end-users, and what **lessons learned** can be drawn from early deployments and pilot implementations?
- Which advanced **cross-domain applications** are emerging through Data Spaces e.g., in Mobility, Industrial, and Healthcare domains?
- What are the key **AI/robotics-related challenges** that must be tackled to fully leverage Data Spaces in real-world operational environments?



Audience Input

Mentimeter

What is your level of experience with Data Spaces?



Waiting for participants

← ⓘ → Next slide



Short video by IDSA on the topic

Trusted Data Sharing

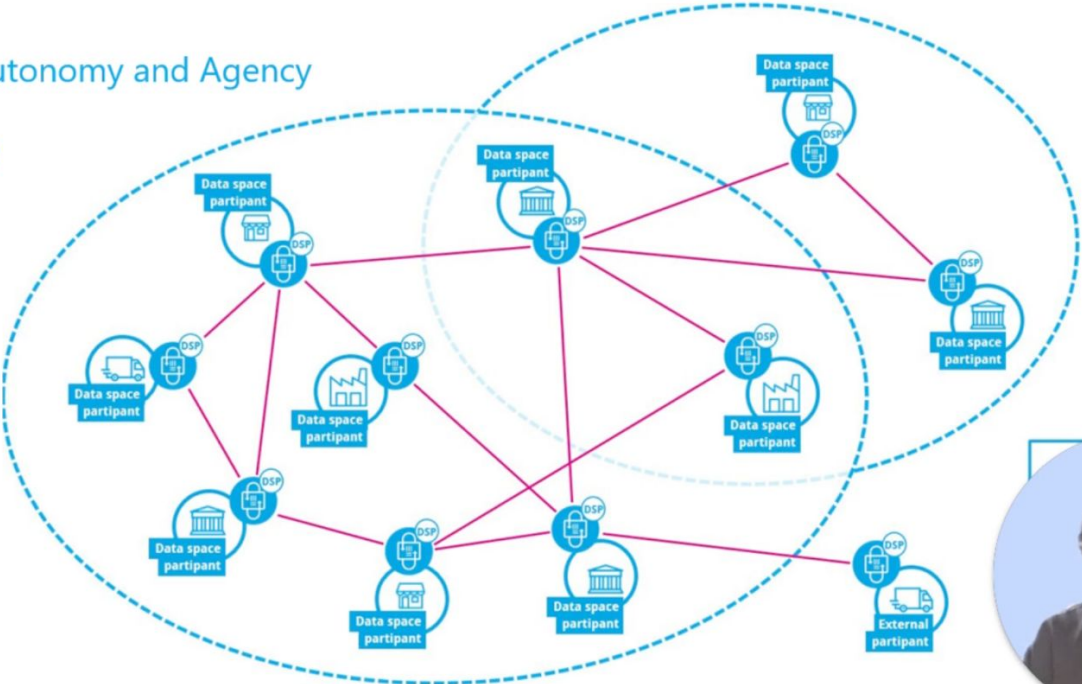
In Data Spaces

INTERNATIONAL DATA SPACES ASSOCIATION

Enabling Organizational Autonomy and Agency

Facilitating interoperability

Creating resilient and dynamic Data Value Chains



Picture source: IDSA Data Space Connector Report



Call for Collaboration

We're looking for partners to test and validate real-world use cases

Are you working with data spaces in mobility, healthcare, energy, or industry?

- Collaborate across domains: Help us discover and leverage synergies between diverse sectors and data ecosystems
- Co-create and validate solutions: Contribute to testing project outcomes in practical environments and real scenarios
- Share insights & challenges: Exchange knowledge on common requirements, barriers, and opportunities across data spaces

We invite organizations, projects, and other stakeholders to reach out and collaborate. Contact: kontodinazoli@iti.gr, dgiakoum@iti.gr

or talk to us after the workshop!



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Till Christopher Lech
Senior Research Scientist
SINTEF



Dr. Dimitrios Giakoumis
Principal Researcher
ITI, CERTH



Dr. Michael Suppa
CEO
Roboception GmbH



Cem Gülec
Policy and Programme Officer
DG CONNECT EC



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More information



pliades-project.eu

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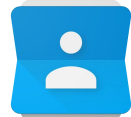
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Centre for Research and Technology Hellas (CERTH)

Information Technologies Institute (ITI)

6th Km Charilaou-Thermi Road,

GR 57001

Thermi-Thessaloniki, Greece

Thank you for joining the workshop!

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