10 March 2026

08:00 *Registration & Check-in*

09:30 Session 5: Digital Twins and AI

SESSION OBJECTIVE

The session will examine the distinctive roles and impacts of Digital Twins and AI-powered demonstrators in advancing technological innovation and building cutting-edge solutions.

CHAIR

— Bertrand Le Saux, Policy Officer for Destination Earth and AI Applications, High Performance Computing and Applications, DG CNECT, European Commission

SPEAKERS

— "AI Earth system component modeling": Sara Hahner, Scientist for Machine Learning, European Centre for Medium-Range Weather Forecasts (15 mins)
— "Leveraging AI in the EU Digital Twin Ocean for Next-Generation Ocean Apps ": Mercator Ocean: Alain Arnaud, Director Digital Ocean Department, Mercator International (15 mins)
— "An Earth Observation-Driven Digital Twin for Ice Sheets": Stef Lhermitte, Professor, KU Leuven (15 mins)

10:30 *Coffee Break & Demonstrations*

11:00 Session 6: AI in Action

SESSION OBJECTIVE

The session will discuss the challenges faced by companies that commercialise AI solutions based on Earth Observation and the opportunities created by projects and entrepreneurship activities leading to wider EO and Copernicus adoption.

CHAIR

— Vasileios Kalogirou, Space Downstream R&I Officer, EU Agency for the Space Programme

SPEAKERS

— "EUSPA introduction and AI Week outputs", Fiammetta Diani, Head of Market Downstream and Innovation, EU Agency for the Space Programme (10 mins)

Panel discussion

— Betty Charalampopoulou, EARSC Board of Directors, President and CEO GEOSYSTEMS HELLAS S.A.
— Conrad Bielski, Chief Technology Officer, Riscognition
— Fran Martin, Geospatial Product & Project Lead, EarthPulse
— Danijela Ristic-Durrant, Senior R&D Project Manager, OHB-DS
— Machi Simeonidou, Managing Director, AgroApps

12:30 *Lunch & Demonstrations*

14:00 Session 7: Research and Innovation

SESSION OBJECTIVE

The session will focus on latest research trends in Artificial Intelligence for Earth Observation and transition pathways to operations for EO services.

CHAIR

— Massimo Ciscato, Head of Sector, Space Research, HaDEA, European Commission

SPEAKERS

— Opening Remarks: Marko Curavic, Head of Unit, Space Research Unit, HaDEA, European Commission (5 mins)
- Keynote "Latest Trends in AI Research for EO", Begüm Demir, Full Professor, TU Berlin (15 mins)

Panel discussion: From Research to Innovation

— Begüm Demir, Full Professor, Technische Universität Berlin
— Yann Guichoux, Founder & President, eOdyn
— Francois De Vielleville, Chief Technology Officer, AGENIUM SPACE
— Tom Hengl, Director & Co-founder, OpenGeoHub Foundation
— Ioannis Papoutsis, Assistant Professor, National Technical University of Athens
— Ana Oliveira, Chief Technology Officer, +Atlantic

15:30 *Coffee Break & Demonstrations*

16:00 Session 8: Digital Transformation of Earth Observation Services

SESSION OBJECTIVE

The aim of this session will be to discuss the future of Earth observation, digital services and the role they can play, together with research and innovation, towards a new paradigm for competitiveness and resilience in the next Multiannual Financial Framework.

CHAIR

— Vincent-Henri Peuch, Director for Engagement with the EU, ECMWF

SPEAKERS

— Keynote: "Digital Twins for Climate: from research and innovation to novel operational services", Jenni Kontkanen, Development Manager in Digital Twin Technologies, CSC - IT Center for Science (10 mins)

Panel discussion with speaker and:

— Babis Tsitlakidis, Head of Sector, Destination Earth, High Performance Computing and Applications, DG CNECT, European Commission
— Elisabeth Hamdouch, Deputy Head of Unit, Earth Observation, DG DEFIS, European Commission
— Aurélien de Truchis, Vice-President, Data Sciences, Kayrros
— Peter Salamon, Head, Copernicus Emergency Management Service, DG JRC, European Commission
— Franz Immler, Head of Sector, Environmental Observations, DG RTD, European Commission

17:25 Wrap-up

CHAIR

Michel Rixen, Programme Officer, Earth Observation, DG DEFIS, European Commission

17:30 *End*

WORKSHOPS

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During All Breaks (Coffee and Lunch)

Demo 1 - Copernicus Emergency Management Service (CEMS)

— **Location: Demo Room**
— **Peter Salamon**, JRC

Demo 2 - CDSE AI capabilities

— **Location: Demo Room**
— **Dennis Clarijs**, VITO, Belgium

Demo 3 - AI & VHR imaging

— **Location: Demo Room**
— **Pierre-olivier Vanberg**, AeroSpaceLab

Demo 4 - Operational AI services on DestinE Platform

— **Location: Demo Room**
— **Luca Girardo and Sébastien Tétaud**, ESA & Sergey Sukhanov, FlyPix

Demo 5 - The weather Forecast-in-a-Box

— **Location: Hall or Demo room**
— **Tiago Quintino**, ECMWF

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During All Breaks (Coffee and Lunch)

Demo 1 - Downscaling CAMS Reanalysis for High-resolution Air Quality Mapping

— **Location: Demo Room**
— **Antoine Guion**, INERIS, France

Demo 2 - GLONET & OceanBench: AI-based Ocean Forecasting System and Validation Framework

— **Location: Demo Room**
— **Quentin Gaudel and Pierre-Yves Le Traon**, Mercator Ocean International

Demo 3 - AI4FloodDamage

— **Location: Demo Room**
— **Ruben Piroska**, BBK, Germany

Demo 4 - Prototype Digital Twin for Ice Sheets

— **Location: Demo Room**
— **Stef Lhermitte**, KU Leuven, Belgium

Demo 5 - The Observia Copernicus Chatbot

— **Location: Hall or Demo room**
— **Matteo Mattiuzzi**, EEA