

2nd EUJAPAN DIGITAL WEEK 2026



23 March - 30 March 2026
Tokyo, Japan

The EU-Japan Digital Week is organised as part of the EU-Japan Digital Partnership

EU-Japan AI4Good cooperation: “Leveraging Extreme-Scale Computing for Societal Challenges”

- **Date:** Thursday, 26 March
- **Time:** 9:00-12:00 Japan Standard Time (JST)
- **Location:** [Delegation of the European Union to Japan](#)
- **Organisers:**
 - Dr. Rossen Apostolov, INPACE, NAISS, Sweden
 - RIKEN
 - Juelich Supercomputing Centre
 - NAISS
- **Summary:** This half-day event explores high performance computing collaboration between Europe and Japan, with specific focus on strengthening the links between [RIKEN](#) (Japan, operator of Fugaku), [Forschungszentrum Jülich](#) (Europe, hosting JUPITER), and [NAISS](#) (Sweden, national HPC infrastructure and gateway to Nordic and European research communities) as flagship infrastructures in the respective regions. Together, these infrastructures represent complementary strengths in exascale systems, AI-accelerated simulations, and scientific user communities. The workshop will explore how these ecosystems can jointly advance AI4Good applications aligned with the UN Sustainable Development Goals (SDGs), particularly:
 - Climate Action (SDG 13)
 - Good Health and Well-being (SDG 3)
 - Sustainable Cities and Communities (SDG 11)

The goal of the event is to reinforce scientific discussions and partnerships between the EU and Japan through cooperation between key compute infrastructures in the regions. The expected outcomes include establishing a structure for sustained collaboration and an operational framework.

Agenda

8:30 - 9:00 Registration

9:00 - 9:10 Welcome

- Delegation of the European Union to Japan

9:10 - 9:20 Workshop opening: AI4Good vision, objectives, expected outcomes

- Rossen Apostolov, INPACE, NAISS, Sweden

9:20 - 9:30 Institutional perspectives: RIKEN

- Kengo Nakajima, Deputy Director, RIKEN Center for Computational Science, Japan

9:30 - 9:40 Institutional perspectives: JUELICH

- Mathis Bode, Director, German JUPITER AI Factory

9:40 - 9:50 Institutional perspectives: NAISS

- Rossen Apostolov, Director, Swedish AI Factory MIMER, Sweden

9:50 - 10:20 Scientific Session: AI4Climate

- **Data spaces and AI for advancing sustainability and informed policy-making**
Chrysi Laspidou, Vice-Rector of Innovation, University of Thessaly, Greece
- **Environmental and societal sustainability: challenges and priorities**
Monique Calisti, Chief Executive Officer, Martel Innovate, Switzerland
- **Understanding Aerosol Controls on Severe Convective Rainfall from Extreme-Scale Super-Droplet Simulations**
Manhal Ahilali, Professor, University of Hyogo, Japan

10:20 - 10:50 Scientific Session: AI4Health

- **AI and High-Performance Computing at the University of Debrecen: Capabilities and EU-Japan Collaboration Opportunities for Health and Climate**
Zoltán Gál, Director, Debrecen HPC Center, Hungary
- **High-Performance Computing and Machine Learning for Biomolecular Structure and Dynamics**
Osamu Miyashita, Senior Researcher, RIKEN
- **Decoding Adaptive Immune Receptor Repertoires using Machine Learning**
Daron Standley, Professor, Research Institute for Microbial Diseases, Osaka University, Japan

10:50 - 11:10 Break

11:10 - 11:55 Panel discussion: Future EU–Japan HPC cooperation for AI4Good

Moderator: Rossen Apostolov

Panellists:

- Mathis Bode, Director, German JUPITER AI Factory
- Chrysi Laspidou, Vice-Rector of Innovation, University of Thessaly, Greece
- Kengo Nakajima, Deputy Director, RIKEN Center for Computational Science, Japan
- Monique Calisti, Chief Executive Officer, Martel Innovate, Switzerland

- Daron Standley, Professor, Research Institute for Microbial Diseases, Osaka University, Japan

12:00 Closing remarks

- Rossen Apostolov, INPACE, NAISS, Sweden