



ERCIM

European Research Consortium
for Informatics and Mathematics

5th ERCIM/JST Joint Workshop

Exploring New Research Challenges and Collaborations in AI/BD/HCI/IoT

<https://www.ercim.eu/events/5th-ercim-jst-joint-workshop-2024>

Dimitris Plexousakis
(dp@ics.forth.gr)
FORTH-ICS

Budapest,
October 2024

Cooperating for Excellence in Research



ERCIM

European Research Consortium
for Informatics and Mathematics

Workshop Structure

- ❑ Plenary sessions: keynote talks, group reports
- ❑ Parallel Sessions Themes and co-ordinators:
 - Trustworthy and Reliable Human-Machine Symbiotic Collaboration – Prof. Rafik Hadfi, Kyoto University (hadfi.rafik.2w@kyoto-u.ac.jp), Dr. Theodore Patkos (patkos@ics.forth.gr), Dr. Giorgos Flouris (fgeo@ics.forth.gr) - FORTH
 - Extracting Actionable Knowledge in the Presence of Uncertainty – Prof. Akira Uchiyama, Osaka University (uchiyama@ist.osaka-u.ac.jp), Prof. Nicolas Spyrtos (spyrtos@lri.fr) - Univ. Paris – Saclay, FORTH
 - Trust in Complex Scientific Processes / Models and Research Infrastructures – Prof. Satoshi Koyama, Nagoya City University (oyama314work@gmail.com), Prof. Dr. Andreas Rauber (rauber@ifs.tuwien.ac.at)- SBA Research, TU Wien
 - Infrastructure and Service Resilience for a Smart Society – Prof. Takuro Yonesawa, Nagoya University (yonezawa.takuro.m6@f.mail.nagoya-u.ac.jp), Prof. Chrysostomos Stylios (stylios@athenarc.gr) - ISI – Athena RC

Goals and Expectations

- ❑ Goals:
 - develop joint views and an actionable plan on research priorities within the thematic areas of the workshop
 - come up with proposals for funding bodies in Europe and Japan to support the short- and medium-term objectives identified
 - identify opportunities for funding the collaboration within current programmes
- ❑ Workshop is expected to lead to White paper(s) on all four areas
- ❑ White paper(s) to be communicated to the EC / JST and disseminated within ERCIM (as an ERCIM publication)

Policy and Funding Opportunities

- ❑ EC Policy background on Science and Technology Agreement with Japan (https://research-and-innovation.ec.europa.eu/strategy/strategy-2020-2024/europe-world/international-cooperation/bilateral-cooperation-science-and-technology-agreements-non-eu-countries/japan_en)
 - Agreement document available at [https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1600866867202&uri=CELEX:22011A0406\(01\)](https://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1600866867202&uri=CELEX:22011A0406(01))

- ❑ 90 billion euros for International Cooperation in Horizon Europe 2021-27. (International Cooperation in HE, https://research-and-innovation.ec.europa.eu/strategy/strategy-2020-2024/europe-world/international-cooperation_en)
 - Opportunities within specific calls in Horizon Europe for collaborative projects, Staff exchanges in Marie-Sklodowska Curie Actions (MSCA), ERC Synergy Grants

Workshop Agenda

Day 1: 10/17 (Thursday)

- 10:00~10:15 Opening Remarks (Prof. Dimitris Plexousakis, Dr. Katsumi Emura)
- 10:15~11:15 Keynote : Dr. Masugi Inoue (Director General, Resilient ICT Research Center, NICT)
- 11:15~11:45 Coffee Break
- 11:45~12:30 Setting the Scene: Short reports from the 4 Thematic Areas
- 12:30~13:30 Lunch break
- 13:30~15:30 Group Discussion (4 Groups)
- 15:30~16:00 Coffee Break
- 15:30~18:00 Group Discussion (4 Groups)
- 19:00 Dinner @ Trofea Grill Restaurant (<https://maps.app.goo.gl/asoRNvcFCYbNbZSUA>)

Workshop Agenda

Day 2: 10/18 (Friday)

09:30~10:30 Keynote : Prof. Dimitris Kiritsis (EPFL, Switzerland and University of Oslo, Norway)

10:30~11:00 Coffee Break

11:00~12:30 Group Discussion (4 Groups)

12:30~13:30 Lunch break

13:30~15:00 Group Discussion (4 Groups)

15:00~15:30 Coffee Break

15:30~17:00 Group Discussion Results: Thematic areas #1~#4 Coordinators

17:00~17:30 Wrap-Up & Closing Remarks

17:30~18:00 Steering Committee Meeting