



Research Day of the Association of Italian Researchers in Japan (AIRJ). Day: Friday, July 18th, 2025

Venue: Kyoto University Institute for Chemical Research – Uji Campus, Gokasho, Uji, Kyoto 611-0011

12:30: Registration & poster setup

13:00 – 13:30: Research Day opening and welcome. Chair: Alessandro Nasti (AIRJ secretary and Research Day coordinator, Kanazawa University)

- 13:00: Opening speech: TBD
- 13:20: AIRJ activities and plans: Andrea Ortolani (AIRJ president, University of Tsukuba)

13:30 – 15:10: Session 1. Innovating for a Sustainable and Human-Centered Architecture: From Sustainable Textiles and Historical Craft Production to Smart Materials and Biomaterials. Chair: Francesca Pincella (Kyoto University)

- 13:30: Andrea Castiglioni (Nagoya City University): *Things, Humans, and Deities in the Craft Production of Sixteenth Century Negoroji* - **EN**
- 13:55: Elia Marin (Kyoto Institute of Technology): *Storia dei biomateriali e trasformazione della cura: dalla riparazione alla rigenerazione* - **IT**
- 14:20: Pierluigi Cesana (Kyushu University): *Integrating AI and Human Expertise for the Design and Control of Smart Materials: Insights from Graphene, Liquid Crystals, and Beyond* - **EN**
- 14:45: Alessandra Sutti (Deakin University): *Fibres at the centre of our future. How Deakin University is supporting the textile Industry towards a more sustainable future* - **EN**

15:10 – 16:00: Poster session & coffee break

16:00 – 16:50: Session 2. From AI in the Workplace to Serendipitous Scientific Discoveries: Navigating Ethical Challenges and Unexpected Insights. Chair: Claudio Feliciani (The University of Tokyo)

- 16:00: Michela Riminucci (Kobe University): *Artificial Intelligence and Discrimination: The Point of View of a Labor Law Scholar in Japan* - **EN**
- 16:25: Piero Carninci (RIKEN Center for Integrative Medical Sciences; Research Center for Genomics at Human Technopole): *Serendipity in Science: Reflections on 30 Years of Discoveries in Japan* - **EN**

16:50 – 17:10: Poster session & coffee break

17:10 – 18:30: Session 3. Interdisciplinary Explorations: Buddhist Thought, Christian Mysticism, and Ecological Humanism in Science. Chair: Ettore Barbieri (WPI-AIMEC Tohoku University & JAMSTEC)

- 17:10: Ettore Barbieri (WPI-AIMEC Tohoku University & JAMSTEC): *Introduction to WPI-AIMEC*
- 17:15: Ida Duretto (Kyoto University): *Ecology and Poetry: "Ecologia e poesia: "I grattacieli" e l'ambientalismo umanistico* - **IT**
- 17:40: Enrico Di Maria (JAMSTEC): *Probing the Last Frontier of the Deep Ocean: Development of Autonomous Exploration Systems for the Hadal Zone* - **EN**
- 18:05: Federica Sgarbi (Doshisha University): *D.T. Suzuki: Swedenborg, un divergente paradigma di Scienza* - **IT**

18:30 – 18:35: Closing remarks

- Closing speech: Francesca Pincella (Research Day 2025 coordinator, Kyoto University)