

## 30 August

**10:00 – 12:00: Arrival & reception.**

**12:00 – 13:30: Buffet Lunch**

**13:30 – 14:00: Official Opening**

- Welcome by Prof Mahmoud Barhamgi (Lyon 1 University, France)
- Introduction to workshop series by Prof. Bashar Nuseibeh (OU/Lero) and Prof. Shinichi Honiden (Waseda University/NII);
- Round table introduction (1 min per attendee, covering who you are, main research interests, key research challenges).

**14:00 – 15:00 Keynote**

*Autonomous development of smart environments: A constructivist learning perspective.*  
Prof. Salima Hassas (Lyon 1 University, France).

**15:00 – 16:30 - Session 1**

- *Software Foundations for Data Interoperability*, Prof. Zhenjiang Hu (NII/University of Tokyo, Japan)
- *Beyond "Access Denied": A Search-based Risk Exploration of Adaptive Access Controls*, Prof. Yijun Yu (The Open University, UK),
- *Analysis on Refinement Strategy of Formal Specifications*, Dr. Tsutomu Kobayashi (NII, Japan)
- **Group discussion**

**16:30 – 16:45 - Coffee break**

**16:45 – 18:15 - Session 2**

- *LloPY: A legal compliant ontology to preserve privacy for the Internet of Things*, Prof. Chirine Ghedira (Lyon 1 University, France)
- *The Grace Period Has Ended - An Approach to Operationalize GDPR Requirements*, Prof. Liliana Pasquale (Lero, Ireland)
- *Interactive Testing and Repairing of Regular Expressions*, Dr. Paolo Arcaini (NII, Japan)
- **Group discussion**

**20:00 – Gala dinner**

## 31 August

**09:00-10:30 - Session 3**

- *Cloud-Edge-Mobile as computing continuum*, Prof. Luciano Baresi (Politecnico di Milano, Italy)
- *Assured Runtime Graceful Degradation by [Models@run.time](#)*, Kenji Tei (Waseda/NII, Japan)
- *Problem of Relevance for Quality Requirements*, Aurelien Vialon (NII, Japan)
- **Group discussion**

**10:30 – 11:00 - Coffee break**

**11:00-12:30 - Session 4**

- *Security for Machine Learning Systems in the Smart-city*, Prof. Nobukazu Yoshioka (NII, Japan)
- *Take Me to the PROMs: cyberphysical systems for improving quality of patient reported outcome measures*, Prof. Blaine Price (The Open University, UK),
- *Software Engineering for the Internet of Things*, Amel Bennaceur (The Open University, UK)

**12:30-14:00 - Lunch**

**14:00-15:00 - Session 5**

- *Statistical Testing and Certification of ML models*, Prof. Ernesto Damiani (Professor, Director of Information Security Center Electrical and Computer Engineering & EBTIC, Khalifa University, UAE)
- *Rise of Machine Learning Systems Engineering*, Prof. Nobukazu Yoshioka (NII, Japan)

**15:30-17:30 - Session 6: RiskTrack Project**

- RiskTrack Project- Tracking tool based on social media for risk assessment on radicalization, Prof. Mahmoud Barhamgi (Lyon 1 University, France).
- Social Networks Data Analysis with Semantics: Application to the Radicalization Problem, Prof. Mahmoud Barhamgi (Lyon 1 University, France)

**17:30-18:00 - Group discussion & Wrap-up discussion & End**