

**ASYDE 2020 – 2<sup>nd</sup> International Workshop on Automated and verifiable Software sYstem DEvelopment - 15th September, 2020**

**Opening Workshop (14.00 - 14.10)**

Federico Ciccozzi - **email:** federico.ciccozzi@mdh.se

**Session 1 – Verification (14.10 – 15.00)**

**Chair Name:** Federico Ciccozzi - **email:** federico.ciccozzi@mdh.se

- Model Translation from Papyrus-RT into the nuXmv Model Checker (**14.10 - 14.35**)

**Name of Presenter:**

Sneha Sahu (snehasahu@live.com)

- Modeling and Verification of Temporal Constraints for Web Service Composition (**14.35 - 15.00**)

**Name of Presenter:**

Maya Benabdelhafid Souilah (maya.benabdelhafid@univ-constantine2.dz)

**Invited Talk 1 (15.00 – 15.45)**

**Chair Name:** Marjan Sirjani - **email:** marjan.sirjani@mdh.se

**Invited Speaker: *Edward A. Lee***

More Deterministic Software for Cyber-Physical Systems

**Break (15.45 – 16.00)**

**Session 2 - Security (16.00 – 16.25)**

**Chair Name:** Francesco Gallo - **email:** francesco.gallo@univaq.it

- Modeling Attack-Defense Trees Countermeasures using Continuous Time Markov Chains (**16.00 - 16.25**)

**Name of Presenter:**

Samri Ouchani (souchani@cesi.fr)

**Invited Talk 2 (16.30 – 17.15)**

**Chair Name:** Francesco Gallo - **email:** francesco.gallo@univaq.it

**Invited Speaker: *Emilio Tuosto***

Open Problems in Choreographic Development of Message-Passing Applications

### **Session 3 - Validation and Testing (17.15 – 18.05)**

**Chair Name:** Francesco Gallo - **email:** francesco.gallo@univaq.it

- Automated Validation of State-Based Client-Centric Isolation with TLA+ (17.15 - 17.40)

**Name of Presenter:**

Tim Soethout (tim.soethout@cwi.nl)

- Code Coverage Aware Test Generation Using Constraint Solver (17.40 - 18.05)

**Name of Presenter:**

Krystof Sykora (sykorkry@fel.cvut.cz)