

EMAS 2022 Schedule

Tuesday, May 10 (NZST/Auckland time)

03:00-03:05	Opening
03:05-04:00	Session 1: Invited Talk [Chair: Amit K. Chopra]
04:00-04:10	Break
04:10-05:10	Session 2: Agent-Oriented Software Engineering [Chair: Rafael Bordini] <ul style="list-style-type: none"> • Quantifying the Relationship Between Software Design Principles and Performance in Jason <i>Patrick Gavigan and Babak Esfandiari</i> • An algorithmic debugging approach for BDI agents <i>Tobias Ahlbrecht</i> • Agent-Oriented Visual Programming for the Web of Things <i>Samuele Burattini, Angelo Croatti, Alessandro Ricci, Andrei Ciortea, Danai Vachtsevanou, Jeremy Lemee and Simon Mayer</i> • Making Model Checking Feasible for GOAL <i>Yi Yang and Tom Holvoet</i>
05:10-05:20	Break
05:20-06:20	Session 3: Abstractions and Agent-Based Modeling [Chair: Nadin Kökciyan] <ul style="list-style-type: none"> • Signifiers for Affordance-driven Multi-Agent Systems <i>Jérémy Lemée, Danai Vachtsevanou, Simon Mayer and Andrei Ciortea</i> • A Short Note on the Bounds of the Organizational Approach to MAS <i>Antonio Carlos Rocha Costa</i> • About Digital Twins, agents, and multiagent systems: a cross-fertilisation journey <i>Stefano Mariani, Marco Picone and Alessandro Ricci</i> • Intelligent Agents and Multi Agent Systems for Modeling Smart Digital Twins <i>Hussein Marah and Moharram Challenger</i>
06:20-07:00	Break
07:00-08:00	Panel [Chair: Michael Winikoff]
19:00-19:45	Session 4: Reasoning and Negotiation [Chair: Pradeep Murukannaiah] <ul style="list-style-type: none"> • Modeling and Shadowing Paraconsistent BDI Agents <i>Barbara Dunin-Kęplicz and Andrzej Szalas</i> • Commitment-Based Negotiation Semantics <i>Phillip Sloan and Nirav Ajmeri</i> • Enabling Negotiating Agents to Explore Very Large Outcome Spaces <i>Thimjo Koca, Catholijn Jonker and Tim Baarslag</i>
19:45-19:55	Break
19:55-20:55	Session 5: Frameworks and Applications [Chair: Andrei Ciortea] <ul style="list-style-type: none"> • A Framework for Developing Interactive Intelligent Systems in Unity <i>Andreas Brännström and Juan Carlos Nieves</i> • MAiS: exploiting JADE as a Multi-Agent simulator of the Immune System <i>Sanchayan Bhunia, Angelo Ferrando, Viviana Mascardi and Chiara Vitale</i> • Modelling a Chain of Command in the Incident Command System using Sequential CFGs <i>Tabajara Krausburg, Rafael H. Bordini and Jürgen Dix</i> • Bruno: Garbage-Collecting Business Information <i>Samuel Christie and Amit Chopra</i>
20:55	Closing