

| | |
|-------------|---|
| 08:30-09:30 | Registration |
| 09:30-10:00 | Welcome |
| 10:00-11:00 | Keynote 1: Towards More Credible Agent-Based Simulations <i>Franziska Klugl</i> |
| 11:00-11:30 | BREAK |
| 11:30-12:30 | Session: MABS |
| 11:30 | MAiS: Exploiting JADE as a Multi-Agent simulator of the Immune System <i>Sanchayan Bhunia, Angelo Ferrando, Viviana Mascardi and Chiara Vitale</i> |
| 11:50 | Introducing data synchronization policies for distributed agent-based model using proxies <i>Lucas Grosjean, Paul Breugnot, Alexis Drogoul, Benedicte Herrmann, Christophe Lang, Nicolas Marilleau, Laurent Philippe and Nghi Quang Huynh</i> |
| 12:10 | Data-Driven Agent-Based Modeling and Simulation of Price Competition in the Danish Pharmaceutical Market <i>Ruhollah Jamali and Sanja Lazarova-Molnar</i> |
| 12:30-13:30 | Session: LEARN |
| 12:30 | Adversarial Search & Deep Learning for Strategic Settlement Placement in the “Settlers of Catan” <i>Diamantis Rafail Papadam and Georgios Chalkiadakis</i> |

| | |
|-------------|--|
| 12:50 | Quantifying Uncertainty in Complex Reinforcement Learning Scenarios <i>Saeid Rezaei and Kenneth N. Brown</i> |
| 13:10 | Learnings from Implementation of a BDI Agent-based Battery-less Wireless Sensor <i>Ganesh Ramanathan, Andres Gomez and Simon Mayer</i> |
| 13:30-14:30 | LUNCH |
| 14:30-16:10 | Session: KRRP |
| 14:30 | A Logic of Actual Cause for Nondeterministic Dynamic Domains <i>Maryam Rostamigiv, Shakil Khan, Yves Lespérance and Mriana Yadkoo</i> |
| 14:50 | ATL for Dynamic Gaming Environments <i>Marco Aruta, Aniello Murano and Salvatore Romano</i> |
| 15:10 | Responsibility in a Multi-Value Strategic Setting <i>Timothy Parker, Umberto Grandi and Emiliano Lorini</i> |
| 15:30 | Parameter Synthesis for Families of Markov Chains with an Application to Multi-Agent Systems Privacy <i>Francesco Spegni, Luca Spalazzi, Roberto Rosetti and Aniello Murano (ZOOM)</i> |
| 15:50 | |
| 16:10-16:30 | DEMO SESSION PITCHES |

| | |
|---|---|
| <p>16:10</p> <p>16:15</p> <p>16:20</p> <p>16:25</p> | <p>VITAMIN: A Tool for Model Checking of MAS <i>Angelo Ferrando and Vadim Malvone</i></p> <p>Space Debris Removal using Nano-Satellites controlled by Low-Power Autonomous Agents <i>Dennis Christmann, Juan F. Gutierrez, Sthiti Padhi, Patrick Plörer, Aditya Thakur, Simona Silvestri and Andres Gomez</i></p> <p>Systematic Experimentation Using Scenarios in Agent Simulation: Going Beyond Parameter Space <i>Vivek Nallur, Pedram Aghaei and Graham Finlay</i></p> <p>Do you want to play a game? Learning to play Tic-Tac-Toe in Hypermedia Environments <i>Katharine Beaumont and Rem Collier</i></p> |
| <p>16:30</p> | <p>BREAK</p> |
| <p>17:00-18:00</p> | <p>DEMOS</p> |
| <p>18:00 - 20:00</p> | <p><i>Welcome Reception: UCD University Club</i></p> |