

W13 - DALT Declarative Agent Languages and Technologies Workshop Program

09:00 **WELCOME**

SESSION 1: PROTOCOLS (Chair: Viviana Mascardi)

09:10 Matteo Baldoni, Cristina Baroglio, Federico Capuzzimati, Elisa Marengo, and Viviana Patti
A Generalized Commitment Machine for 2CL Protocols and its Implementation

09:40 Akin Gunay, Michael Winikoff and Pinar Yolum
Commitment Protocol Generation

10:10 Questions (speakers to one another)

10:20 **COFFEE BREAK**

INVITED TALK (Chair: Viviana Mascardi)

10:50 Prof. Thomas Ågotnes
PAILab: Programming and Artificial Intelligence Laboratory
Department of Information Science and Media Studies
University of Bergen, Norway
Group Announcement Logic

11:50 **BREAK**

12:00 **DISCUSSION PANEL** (Chair: Wamberto Vasconcelos)

13:00 **LUNCH BREAK**

SESSION 2: DISTRIBUTED PROBLEM SOLVING (Chair: Elisa Marengo)

14:20 Stefano Bistarelli, Giorgio Gosti, and Francesco Santini
Solving Fuzzy Distributed CSPs: An Approach with Naming Games

14:50 Bozena Wozna-Szczesniak and Andrzej Zbrzezny
SAT-based BMC for Deontic Metric Temporal Logic and Deontic Interleaved Interpreted Systems

15:20 Wietske Visser, Koen Hindriks, and Catholijn Jonker
Goal-based Qualitative Preference Systems

15:50 Questions (speakers to one another)

16:00 **COFFEE BREAK**

SESSION 3: ONE FINAL PAPER AND THE POSITION PAPERS (Chair: Wamberto Vasconcelos)

16:30 Viviana Mascardi, Davide Ancona, and Sophia Drossopoulou
Automatic Generation of Self-Monitoring MASs from Multiparty Global Session Types in Jason

17:00 Viviana Mascardi, James Hendler and Laura Papaleo
Semantic Web and Declarative Agent Languages and Technologies: Current and Future Trends

17:20 Riccardo Traverso and Alessandro Solimando
Designing and Implementing a Framework for BDI-style Communicating Agents in Haskell

17:40 Matteo Baldoni and Cristina Baroglio
Some Thoughts about Commitment Protocols

18:00 **DISCUSSION PANEL ON POSITION PAPERS** (Chair: Wamberto Vasconcelos)

18:20 **FINAL REMARKS, DISCUSSION AND CLOSING**