

## W6 – ArgMAS Argumentation in Multiagent Systems Workshop Program

### SESSION 1: DELIBERATION AND NEGOTIATION (Chair: Peter McBurney)

- 09:00 Latifa Al-Abdulkarim, Katie Atkinson and Trevor Bench-Capon  
*A strategy for deliberation using combinations of values*
- 09:25 Eric Kok, John-Jules Meyer, Henry Prakken and Gerard Vreeswijk  
*Testing the benefits of structured argumentation in multi-agent deliberation dialogues*
- 09:50 Alice Toniolo, Timothy Norman and Katia Sycara  
*An empirical study of argumentation schemes for deliberative dialogue*

### SESSION 2: APPLICATIONS (Chair: Eric Kok)

- 10:50 Andy Applebaum, Zimi Li, Ali Raza Syed, Karl Levitt, Simon Parsons, Jeff Rowe and Elizabeth Sklar  
*Firewall configuration: An application of multiagent metalevel argumentation*
- 11:15 Cristhian Ariel David Deagustini, Santiago Emanuel Fulladoza Dalibon, Sebastian Gottifredi, Marcelo A. Falappa, Carlos Ivan Chesnevar and Guillermo Ricardo Simari  
*Supporting defeasible argumentation processes over relational databases*
- 11:40 Yuqing Tang, Elizabeth Sklar, and Simon Parsons  
*An argumentation engine: ArgTrust*

### INVITED TALK (Chair: Peter McBurney)

- Dr Nicolas Troquard  
Laboratory for Applied Ontology  
Institute of Cognitive Sciences and Technologies (ISTC – CNR)  
Trento, Italy  
*Logical Models of Action and Agency: History, Philosophy and Modern Developments*

### 13:00 LUNCH BREAK

### SESSION 3: FOUNDATIONS AND THEORY (Chair: Carlos Chesnevar)

- 14:20 Barbara Dunin-Keplicz, Alina Strachocka, Andrzej Szalas and Rineke Verbrugge  
*A paraconsistent approach to speech acts*
- 14:45 Cristian Gratie and Adina Magda Florea  
*SCC-Recursiveness revisited*
- 15:10 Ioan Alfred Letia and Adrian Groza  
*Justificatory and explanatory argumentation for committing agents*
- 15:25 Mark Snaith and Chris Reed  
*Justified argument revision in agent dialogue*

### SESSION 4: FOUNDATIONS AND THEORY (Chair: Iyad Rahwan)

- 16:30 Pablo Pilotti, Ana Casali and Carlos Chesnevar  
*A belief revision approach for argumentation-based negotiation with cooperative agents*
- 16:55 Adam Wyner, Katie Atkinson and Trevor Bench-Capon  
*Towards a formal language for argumentation schemes*
- 1720-1745 Ashwag Maghraby, David Robertson, Adela Grandó and Michael Rovatsos  
*Bridging the specification protocol gap in argumentation*

### 17:45 ADJOURN