

CLIMA XV

15th International Workshop on Computational Logic in Multi-Agent Systems

August 18-19, 2014
Prague, Czech Republic

Co-located with
ECAI 2014

Workshop Chairs

Nils Bulling

(Clausthal University of Technology, DE)

Leendert van der Torre

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The **15th International Workshop on Computational Logic in Multi-Agent Systems** is a satellite workshop of ECAI 2014, which will take place August 18-19, 2014 in Prague, Czech Republic.

The purpose of the CLIMA work-shops is to provide a forum for discussing techniques, based on computational logic, for representing, programming and reasoning about agents and multi-agent systems in a formal way.

Proceedings of the workshop are published as **Springer LNCS/LNAI** volume. A journal **special issue** in the **Journal of Logic and Computation** (JLC) is planned.

The workshop program includes a 3 invited talks, 12 presentations as well as a panel discussion, and 2 special sessions:

I. Logics for Games, Strategic Reasoning, and Social Choice

Organizer: Wojtek Jamroga

(University of Luxembourg, Luxembourg)

II. Logics for Agreement Technologies

Organizer: Wamberto Vasconcelos

(University of Aberdeen, UK)

CLIMA XV Program

Monday, August 18
Session: Main I

Tuesday, August 19
Session: AT II

9:00 - 9:30	Invited Talk: Thou Shalt is not You Will by Guido Governatori (NICTA and Queensland University of Technology)	Invited Talk: Comparing abstract models of structured argumentation by Henry Prakken (Utrecht University and University of Groningen)
9:30 - 10:00		
10:00 - 10:30		
10:30 - 11:00	Coffee Break — Session: AT I (chair:)	Coffee Break — Session: Main II (chair:)
11:00 - 11:30	Black, Coles, and Bernardini. Automated Planning of Simple Persuasion Dialogues	Alechina, van der Hoek, and Logan. Fair Allocation of Group Tasks According to Social Norms
11:30 - 12:00	Kontarinis, Bonzon, Maudet, and Moraitis. Empirical Evaluation of Strategies for Multiparty Argumentative Debates	de Brito, Hubner, and Boissier. A Conceptual Model for Situated Artificial Institutions
12:00 - 12:30	Sun. How to Build Input/Output Logic	Achilleos. On the Complexity of Two-Agent Justification Logic
12:30 - 14:00	Lunch break — Session: Games I	Lunch break — Session: Games II (chair:)
14:00 - 14:30	Invited Talk: Artefacts and socio-technical interactions by Nicolas Troquard (ISTC - CNR)	Mogavero, Murano, and Sauro. A Behavioral Hierarchy of Strategy Logic
14:30 - 15:00		Pilecki, Bednarczyk, and Jamroga. Synthesis and Verification of Uniform
15:00-15:30		van Ditmarsch and Knight. Partial Information and Uniform Strategies
15:30 - 16:00	Coffee Break — Session: Mixed I (chair:)	Coffee Break — Panel
16:00 - 16:30	Goncalves, Knorr, and Leite. Evolving Bridge Rules in Evolving Multi-Context Systems	Panel Discussion
16:30 - 17:00	Bistarelli, Rossi, and Santini. Enumerating Extensions on Random Abstract-AFs with ArgTools, Aspartix, ConArg2, and Dung-O-Matic	
17:00 - 17:30	Eckert and Herzberg. The Problem of Judgment Aggregation in the Framework of Boolean-Valued Models	