Applications of Logics in Artificial Intelligence

ALAI 2013
June 19-20, 2013
Warsaw, Poland

University of Warsaw

Organized by
Institute of Philosophy, University of Warsaw
Faculty of Mathematics, Informatics and Mechanics, University of Warsaw
Department of Applied Mathematics, University of Malaga

	Wednesday, 19 June 2013
	Pałac Kazimierzowski, Brudziński room no.7
13:00-13:30	*Welcome/Registration/Coffee*
13:30-14:00	*Beata Konikowska* From Non-deterministic Semantics to Ordinary Gentzen Sequent Calculi
14:00-14:30	*Marianna Nicolosi Asmundo* Dual Tableau Decision Procedures for Some Fragments of Relational Logic
14:30-15:00	*Linh Anh Nguyen* ExpTime Tableaux for Graded Converse-PDL Extended with Regular Inclusion Axioms
15:00-15:30	**Coffee break**
15:30-16:15	*Ivo Düntsch* Qualitative Spatial Reasoning
16:15-16:45	*Emilio Muñoz-Velasco* Reasoning with Moving Objects Using a Logic Approach Based on Fuzzy Qualitative Representation
16:45-17:00	**Coffee break**
17:00-18:00	*Przemysław Wałęga* Combined Probabilistic and Qualitative Reasoning Method
19:30	**Dinner**

Thursday, 20 June 2013	
Old Library, room no. 116	
9:00-10:00	*Domenico Cantone* The Satisfiability Problem for Quantified Stratified Syllogistics with Applications to Modal Logic
10:00-10:45	*Barbara Dunin-Kęplicz and Alina Strachocka* Perceiving Rules Under Incomplete and Inconsistent Information
10:45-11:15	**Coffee break**
11:15-12:15	*Anna Gomolińska* Rough Inclusion Functions and their Role in Granular Computing
12:15-12:45	*Sinh Hoa Nguyen and Hung Son Nguyen* Support Vector Machines Using Boolean Kernels
12:45-13:00	**Coffee break**
13:00-14:00	*Maciej Przybylski* High-level Robot Control

STEERING COMMITTEE
Joanna Golińska-Pilarek, University of Warsaw
Emilio Muñoz-Velasco, University of Malaga
Linh Anh Nguyen, University of Warsaw

LOCAL ORGANIZING COMMITTEE
Joanna Golińska-Pilarek, University of Warsaw
Przemysław Wałęga, University of Warsaw and Warsaw University of Technology