

PROGRAMME (final)

10th European Conference on LOGICS IN ARTIFICIAL INTELLIGENCE (JELIA-06)

University of Liverpool, United Kingdom, 13–15 September, 2006

Wednesday 13th September

08:00		REGISTRATION; REFRESHMENTS AVAILABLE
	<u>FIRST FLOOR LECTURE THEATRE</u>	<u>GROUND FLOOR SEMINAR ROOM</u>
08:45	OPENING: Wiebe van der Hoek; Michael Fisher	
09:00	INVITED TALK: Answer Set Programming: A Declarative Approach to Solving Search Problems — <i>Ilkka Niemelä</i>	
10:00	Ambiguity Propagating Defeasible Logic and the Well-Founded Semantics — <i>Frederick Maier, Donald Nute</i>	Deciding Extensions of the Theory of Arrays ... — <i>Silvio Ghilardi, Enrica Nicolini, Silvio Ranise, Daniele Zucchelli</i>
10:30	Representing Causal Information about a Probabilistic Process — <i>Joost Vennekens, Marc Denecker, Maurice Bruynooghe</i>	Automatic Deductive Synthesis of Lisp Programs in the System ALISA — <i>Yulia Korukhova</i>
11:00	BREAK	
11:30	Whatever You Say — <i>Luke Hunsberger</i>	On the Issue of Reinstatement in Argumentation — <i>Martin Caminada</i>
12:00	Incomplete Knowledge in Hybrid Probabilistic Logic Programs — <i>Emad Saad</i>	Hierarchical Argumentation — <i>Sanjay Modgil</i>
12:30	Fuzzy Answer Set Programming — <i>Davy Van Nieuwenborgh, Martine De Cock, Dirk Vermeir</i>	A Fault-tolerant Default Logic [No presentation] — <i>Zhangang Lin, Yue Ma, Zuoquan Lin</i> [Unable to attend]
13:00	LUNCH	
14:00	Reasoning about Actions using Description Logics with general TBoxes — <i>Hongkai Liu, Carsten Lutz, Maja Milicic, Frank Wolter</i>	Reasoning about an Agent based on its Revision History ... — <i>Alexander Nittka</i>
14:30	Knowledge Base Revision in Description Logics — <i>Guilin Qi, Weiru Liu, David Bell</i>	A Formal Analysis of KGP Agents — <i>Fariba Sadri, Francesca Toni</i>
15:00	BREAK	
15:30	System Session 1: All talks in First Floor Lecture Theatre, then demonstrations in	
	<u>FIRST FLOOR LECTURE THEATRE</u>	<u>GROUND FLOOR SEMINAR ROOM</u>
	OPTSAT: A Tool For Solving SAT Related Optimization Problems — <i>Enrico Giunchiglia, Marco Maratea</i>	A Tool To Facilitate Agent Deliberation — <i>Daniel Bryant, Paul Krause, Sotiris Moschoyiannis</i>
	A Slicing Tool For Lazy Functional Logic Programs — <i>Claudio Ochoa, Josep Silva, German Vidal</i>	A Logic-Based Tool For Semantic Information Extraction — <i>Massimo Ruffolo, Marco Manna, Lorenzo Gallucci, Nicola Leone, Domenico Sacca</i>
	ccT: A Correspondence-Checking Tool For Logic Programs ... — <i>Johannes Oetsch, Martina Seidl, Hans Tompits, Stefan Woltran</i>	Automated Reasoning About Metric And Topology — <i>Ullrich Hustadt, Dmitry Tishkovsky, Frank Wolter, Michael Zakharyashev</i>
17:30	Demonstrations finish	
18:30	RECEPTION [PIAZZA CAFE NEAR LIVERPOOL'S METROPOLITAN CATHEDRAL]	

## Thursday 14th September

08:30	REFRESHMENTS AVAILABLE	
	<u>FIRST FLOOR LECTURE THEATRE</u>	<u>GROUND FLOOR SEMINAR ROOM</u>
09:00	INVITED TALK: Inconsistencies in Ontologies — <i>Andrei Voronkov</i>	
10:00	Comparing Action Descriptions based on Semantic Preferences — <i>Thomas Eiter, Esra Erdem, Michael Fink, Jan Senko</i>	On Herbrand's Theorem for Intuitionistic Logic — <i>Alexander Lyaletski, Boris Konev</i>
10:30	Representing Action Domains with Numeric-Valued Fluents — <i>Esra Erdem, Alfredo Gabaldon</i>	On Arbitrary Selection Strategies for Basic Superposition — <i>Vladimir Aleksic, Anatoli Degtyarev</i>
11:00	BREAK	
11:30	On the Semantics of Logic Programs with Preferences — <i>Sergio Greco, Irina Trubitsyna, Ester Zumpano</i>	Introducing <i>attempt</i> in a Modal Logic of Intentional Action — <i>Emiliano Lorini, Andreas Herzig, Cristiano Castelfranchi</i>
12:00	An Event-Condition-Action Logic Programming Language — <i>José Júlio Alferes, Federico Banti, Antonio Brogi</i>	A STIT-extension of ATL — <i>Jan Broersen, Andreas Herzig, Nicolas Troquard</i>
12:30	Decidable fragments of Logic Programming with Value Invention — <i>Francesco Calimeri, Susanna Cozza, Giovambattista Ianni</i>	Modal Logics of Negotiation and Preference — <i>Ulle Endriss, Eric Pacuit</i>
13:00	LUNCH	
EXCURSIONS: LIVERPOOL 'DUCK' TOUR; LIVERPOOL FC (ANFIELD TOUR)		
19:00	SOCIAL DINNER AT LIVERPOOL TATE GALLERY	

## Friday 15th September

08:30	REFRESHMENTS AVAILABLE	
	<u>FIRST FLOOR LECTURE THEATRE</u>	<u>GROUND FLOOR SEMINAR ROOM</u>
09:00	INVITED TALK: From Inductive Logic Programming to Relational Data Mining — <i>Sašo Džeroski</i>	
10:00	Irrelevant Updates and Nonmonotonic Assumptions — <i>Ján Šefránek</i>	Distance-Based Repairs of Databases — <i>Ofer Arieli, Marc Denecker, Maurice Bruynooghe</i>
10:30	On the Logic and Computation of Partial Equilibrium Models — <i>Pedro Cabalar, Sergei Odintsov, David Pearce, Agustín Valverde</i>	Model Representation over Finite and Infinite Signatures — <i>Christian Fermüller, Reinhard Pichler</i>
11:00	BREAK	
11:30	System Session 2: All talks in First Floor Lecture Theatre, then demonstrations in	
	<u>FIRST FLOOR LECTURE THEATRE</u>	<u>GROUND FLOOR SEMINAR ROOM</u>
	The QBFEVAL Web Portal — <i>Massimo Narizzano, Luca Pulina, Armando Tacchella</i>	An Implementation of a Lightweight Argumentation Engine ... — <i>Daniel Bryant, Paul Krause, Sotiris Moschogiannis</i>
	An Implementation For Recognizing Rule Replacements ... — <i>Stefan Woltran, Thomas Eiter, Patrick Traxler</i>	April - An Inductive Logic Programming System — <i>Nuno Fonseca, Fernando Silva, Rui Camacho</i>
	tarfa: Tableaux And Resolution For Finite Abduction — <i>Fernando Soler, Angel Nepomuceno</i>	A Tool For Answering Queries On Action Descriptions — <i>Thomas Eiter, Michael Fink, Jan Senko</i>
13:30	LUNCH	
14:30	A Modularity Approach for a Fragment of ALC — <i>Andreas Herzig, Ivan Varzinczak</i>	Anti-Prenexing and Prenexing for Modal Logics — <i>Cláudia Nalon, Clare Dixon</i>
15:00	A Bottom-up Method for the Deterministic Horn Fragment .... — <i>Linh Ahn Nguyen</i>	Analytic Tableau Calculi for KLM Rational Logic R — <i>Laura Giordano, Valentina Gliozzi, Nicola Olivetti, Gian Luca Pozzato</i>
15:30	Towards Top-k Query Answering in Description Logics: the case of DL-Lite — <i>Umberto Straccia</i>	Natural Deduction Calculus for Linear-Time Temporal Logic — <i>Alexander Bolotov, Artie Basukoski, Oleg Grigoriev, Vasilyi Shangin</i>
16:00	CLOSING	