

# STAIRS Program

## ECAI 2010 SCHEDULE - STAIRS CONFERENCE

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MONDAY 16 AUGUST 2010

09:00-09:05 Opening

09:05-10:30 STAIRS SESSION 1 (Room 6.2.56): LEARNING AND CLASSIFICATION I

10:30-11:00 Coffee break

11:00-12:30 STAIRS SESSION 2 (Room 6.2.56): ONTOLOGIES

12:30-14:00 Lunch break

14:00-15:30 STAIRS SESSION 3 (Room 6.2.56): AGENT PROGRAMMING AND PLANNING

15:30-16:00 Coffee break

16:00-18:00 STAIRS SESSION 4 (Room 6.2.56): LOGIC AND REASONING

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TUESDAY 17 AUGUST 2010

09:00-10:30 STAIRS SESSION 5 (Room 6.2.56): ECONOMIC APPROACHES

10:30-11:00 Coffee break

11:00-12:30 STAIRS SESSION 6 (Room 6.2.56): LEARNING AND CLASSIFICATION II

12:30-14:00 Lunch break

14:00-15:40 STAIRS SESSION 7 (Room 6.2.56): GAMES AND DIALOGUE SYSTEMS

15:40-16:00 Coffee break

16:00-17:00 Invited talk (Room 6.2.56): Toby Walsh (NICTA and UNSW), "How to Write a Paper"

17:00-17:45 STAIRS SESSION 8 (Room 6.2.56): USER PREFERENCES AND INTERESTS

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SS1 - STAIRS SESSION 1: LEARNING AND CLASSIFICATION I (Room 6.2.56)

12: Cancer Classification using SVM-boosted Multiobjective Differential Fuzzy Clustering

Indrajit Saha, Ujjwal Maulik, Sanghamitra Bandyopadhyay, Dariusz Plewczynski

23: On-line ADL Recognition with Prior Knowledge

Jonas Ullberg, Silvia Coradeschi, Federico Pecora

26: Generative structure learning for Markov Logic Networks

Quang-Thang Dinh, Matthieu Exbrayat, Christel Vrain

16: MEC - Monitoring Clusters' Transitions

Marcia Oliveira, Joao Gama

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SS2 - STAIRS SESSION 2: ONTOLOGIES (Room 6.2.56)

3: Onto.PT: Automatic Construction of a Lexical Ontology for Portuguese

Hugo Goncalo Oliveira, Paulo Gomes

15: Improving the efficiency of ontology engineering by introducing prototypicality

Xavier Aime, Frederic Furst, Pascale Kuntz, Francky TricheT

30: Ontology-Based Document and Query Representation may Improve Information Retrieval

Mauro Dragoni, Celia da Costa Pereira, Andrea G.B. Tettamanzi

36: A Workbench for Anytime Reasoning by Ontology Approximation With a case study on instance retrieval

Gaston Tagni, Stefan Schlobach, Annette ten Teije, Frank van Harmelen, Georgios Karafotias

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SS3 - STAIRS SESSION 3: AGENT PROGRAMMING AND PLANNING (Room 6.2.56)

2: Relaxing Regression for a Heuristic GOLOG

Michelle Blom, Adrian Pearce

29: Domain Independent Goal Recognition

David Pattison, Derek Long

27: Maintaining Arc Consistency in Non-Binary Dynamic CSPs using Simple Tabular Reduction

Mathieu Queva, Christian W. Probst, Laurent Ricci

34: POMDP solving: what rewards do you really expect at execution?

Caroline Ponzoni Carvalho Chanel, Jean-Loup Farges, Florent Teichteil-Konigsbuch, Guillaume Infantes

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SS4 - STAIRS SESSION 4: LOGIC AND REASONING (Room 6.2.56)

5: Probabilistic Logic with Conditional Independence Formulae

Magdalena Ivanovska, Martin Giese

11: Modal Access Control Logic: Axiomatization, Semantics and FOL Theorem Proving

Valerio Genovese, Dov Gabbay, Leon van der Torre, Daniele Rispoli

24: A much better polynomial time approximation of consistency in the LR calculus

Dominik Luecke, Till Mossakowski

25: Confluent Term Rewriting for Only-knowing Logics

Espen H. Lian, Arild Waaler, Einar Broch Johnsen

32: The Decidability of RPTL

Fahad Khan

18: The Advantages of Seed Examples in First-Order Multi-class Subgroup Discovery

Tarek Abudawood, Peter Flach

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SS5 - STAIRS SESSION 5: ECONOMIC APPROACHES (Room 6.2.56)

17: Fair Mechanisms for Recurrent Multi Unit Combinatorial Auctions

Javier Murillo, Beatriz Lopez

33: "Do you trust me or not?" - Trust games in agent societies

Rui Figueiredo, Joao Carmo, Rui Prada

43: Merging and Splitting for Power Indices in Weighted Voting Games and Network Flow Games on Hypergraphs

Anja Rey, Jorg Rothe

44: Bidding Heuristics for Ad Auctions with Applications to TAC AA

Jordan Berg, Amy Greenwald, Victor Naroditskiy, Eric Sodomka

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SS6 - STAIRS SESSION 6: LEARNING AND CLASSIFICATION II (Room 6.2.56)

8: Detection of Health Problems through Gait Patterns of Elderly

Bogdan Pogorelc

13: Towards Effective 'Any-Time' Music Tracking

Andreas Arzt, Gerhard Widmer

45: Ensemble Based Filtering Approaches to Class Noise Detection

Borut Sluban, Dragan Gamberger, Nada Lavrac

38: Relational Graph Mining for Discovering Events from Video

Muralikrishna Sridhar, Anthony G. Cohn, David C. Hogg

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SS7 - STAIRS SESSION 7: GAMES AND DIALOGUE SYSTEMS (Room 6.2.56)

7: A Comparison of Computer Game Behavior Control Systems for Background Characters in a Simulated Hospital Environment

Colm Sloan, Brian Mac Namee, John D. Kelleher

10: Difficulty Rating of Sokoban Puzzle

Petr Jarusek, Radek Pelanek

41: Strategic planning through topological inference in the game of Go. A non-linear oscillator network model

Nicholas Wilkinson, Terry Bossomaier, Mike Harre, Allan Snyder

4: Obligations as Formal Dialogue Systems

Sara L. Uckelman

20: Dealing with the dynamics of proof-standard in argumentation-based decision aiding

Wassila Ouerdane, Nicolas Maudet, Alexis Tsoukias

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SS8 - STAIRS SESSION 8: USER PREFERENCES AND INTERESTS (Room 6.2.56)

31: Learning Fuzzy Models of User Interests in a Semantic Information Retrieval System

Mauro Dragoni, Celia da Costa Pereira, Andrea G.B. Tettamanzi

35: User-based Collaborative Filtering: Sparsity and Performance

Jennifer Redpath, David Glass, Sally McClean, Luke Chen