

Workshop Program

Sunday 7 January 2007

- 8:50 – 9:00** **Welcome**
- 9:00 – 10:00** **Invited Speaker: Peter Gärdenfors**
Bring in the forces! Modelling actions and functional properties in conceptual spaces
- 10:00 – 10:30 Why the monkey needs the box: a serious look at a toy domain
Selim T Erdoğan, Paolo Ferraris, Vladimir Lifschitz, Wanwan Ren
- 10:30 – 11:00 A general purpose framework for approximate and cost-effective simulation in commonsense reasoning systems
Benjamin Johnston, Mary-Anne Williams
- 11:00 – 11:30** **Morning Tea**
- 11:30 – 12:00 Reification of action instances in the Leonardo calculus
Erik Sandewall
- 12:00 – 12:30 Reasoning about actions with description logics
Conrad Drescher, Michael Thielscher
- 12:30 – 13:00 Integrating reasoning about actions and Bayesian networks
Yves Martin, Michael Thielscher
- 13:00 – 14:00** **Lunch**
- 14:00 – 15:30** **Panel**
Topic to be announced
- 15:30 – 16:00** **Afternoon Tea**
- 16:00 – 16:15 FIPA communicative acts in defeasible logic
Guido Boella, Guido Governatori, Joris Hulstijn
- 16:15 – 16:45 On the existence of answer sets in normal extended logic programs
Martin Caminada, Chiaki Sakama
- 16:45 – 17:15 Repeated negotiation of logic programs
Wu Chen, Mingyi Zhang, Norman Foo
- 17:15 – 17:30 The cause and treatments of floating conclusions and zombie paths
Yi Mao, Beihai Zhou

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- 9:00 – 10:00 Invited Speaker: Manuela Veloso**
Why and how to resolve conflicting information in multi-robot systems
- 10:00 – 10:30 Towards autonomous strategy decisions in the RoboCup four-legged league
Michael Quinlan, Oliver Obst, Stephan Chalup
- 10:30 – 11:00 Automatic construction of a heuristic search function for general game playing
Stephan Schiffel, Michael Thielscher
- 11:00 – 11:30 Morning Tea**
- 11:30 – 12:00 Plans in cooperation logics: a modular approach
Jelle Gerbrandy, Luigi Sauro
- 12:00 – 12:30 On domain-independent heuristics for planning with qualitative preferences
Jorge Baier, Sheila McIlraith
- 12:30 – 12:45 A novel framework for plan recognition: planning graph as a basis
Minghao Yin, Jigui Sun, Dunbo Cai, Shuai Lu
- 12:45 – 13:00 Modular basic action theories
Yilan Gu, Mikhail Soutchanski
- 13:00 – 14:00 Lunch**
- 14:00 – 15:30 Panel**
Topic to be announced
- 15:30 – 16:00 Afternoon Tea**
- 16:00 – 16:30 Iterated belief change via prime implicates
Maurice Pagnucco
- 16:30 – 17:00 On iterated revision of total preorders—preliminary results
Richard Booth, Thomas Meyer
- 17:00 – 17:30 Extending conceptual graphs for representing partial knowledge
Madalina Croitoru, Ernesto Compatangelo
- 17:30 – 17:35 Close**