

PlanSIG 2006, 14th – 15th December, 2006
Royal Moat House Hotel, Wollaton Street, Nottingham, NG1 5RH, ENGLAND
Tel: 44-115-9369936 Fax: 44-115-9475888

Day 1: Thursday 14th December 2006

- 8:30-9:00 Welcome and Registration
- 9:00-10:00 Plenary session
Peter Brucker. The Job Shop Problem: Old and New Challenges
- 10:00-10:30 Coffee
- 10:30-11:45 Planning Full Papers
- Maria Fox, Jonathan Gough and Derek Long. Using Learned Action Models in Execution Monitoring
 - Andrew Coles and Amanda Smith. Generic Types and Their Use in Improving the Quality of Search Heuristics
 - Funlade T. Sunmola and Jeremy L. Wyatt. Model Transfer for Markov Decision Tasks via Parameter Matching
- 12:00-13:30 Lunch (restaurant in Crown Plaza)
- 13:30-15:10 Scheduling Full Papers
- Alistair R. Clark, Reinaldo Morabito Neto and Eli A. V. Toso. Multi-period Production Setup-sequencing and Lot-sizing Through ATSP Subtour Elimination and Patching
 - Olivier Marchetti and Alix Munier-Kordon. A Polynomial Algorithm for a Bi-criteria Cyclic Scheduling Problem
 - Srihari Narasimhan and Hans-Joachim Bungartz. Methods for Optimal Pedestrian Task Scheduling and Routing
 - Sanja Petrovic, William Leung, Xueyan Song and Santhanam Sundar. Algorithms for Radiotherapy Treatment Booking
- 15:10-15:40 Coffee
- 15:40-17:00 Planning Full Papers
- Michaël Soullignac and Patrick Taillibert. Fast Trajectory Planning for Multiple Site Surveillance through Moving Obstacles and Wind
 - Mathijs de Weerd and Roman van der Krogt. Inefficiencies in Task Allocation for Multiagent Planning with Bilateral Deals
 - Alex Coddington. Designing MADbot: a Motivated And Goal Directed Robot
- 17:00-17:40 Short Papers
- Kaveh Sheibani. Fuzzy Greedy Search and Job-Shop Problem
 - N. E. Richardson, T. L. McCluskey and M. M. West. Towards Inducing HTN Domain Models from Example
 - Patrick De Causmaecker, Peter Demeester and Greet Vanden Berghe. Evaluation of the University Course Timetabling Problem with the Linear Numberings Method
 - Marlies Vanhulsel, Davy Janssens and Geert Wets. Generating Dynamic Activity-Travel Schedules
- 20:00-late Workshop Dinner (restaurant in Crown Plaza)

Day 2: Friday 15th December 2006

- 9:00-10:00 Plenary session
Edmund Burke. Hyper-heuristics and their Employment on Search Problems.
- 10:00-10:30 Coffee
- 10:30-11:45 Planning & Scheduling Full Papers
- Javier Murillo and Beatriz Lopez. An Empirical Study of Planning and Scheduling Interactions in the Road Passenger Transportation Domain
 - Roman Barták, Ondřej Čepěk and Pavel Surynek. Modelling Alternatives in Temporal Networks
 - Antonio Garrido, Eva Onaindía and Marlene Arangu. Using Constraint Programming to Model complex Plans in an Integrated Approach for Planning and Scheduling
- 12:00-13:30 Lunch (restaurant in Crown Plaza)
- 13:30-15:10 Planning Full Papers
- M.A. Hakim Newton, John Levine, Maria Fox and Derek Long. Learning Macro-Actions Genetically from Plans
 - T.L. McCluskey and R.M. Simpson. Combining Constraint Based and Classical Formulations for Planning Domains
 - Andrew Coles and Amanda Smith. Simulating the use of Macro-Actions Through Action Reordering
 - Sergio Jiménez, Andrew Coles and Amanda Smith. Planning in Probabilistic Domains Using a Deterministic Numeric Planner
- 15:10-15:20 Close