

# PATAT 2006: Second Call for Papers

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## SECOND CALL FOR PAPERS & DEMONSTRATIONS

PATAT 2006

The 6th International Conference  
on the Practice and Theory of Automated Timetabling

<http://patat06.muni.cz>

Wednesday, 30th August – Friday, 1st September 2006

organized by the Faculty of Informatics, Masaryk University

International Hotel  
Brno  
Czech Republic

NEWS about the conferences is available from <http://patat06.muni.cz/news.html>

This conference is the sixth in a series of conferences that serve as a forum for an international community of researchers, practitioners and vendors on all aspects of computer-aided timetable generation. For more information about the series of conferences see

<http://www.asap.cs.nott.ac.uk/patat/patat-index.shtml>

The themes of the conference include (but are not limited to):

- o Educational Timetabling
- o Transport Timetabling
- o Employee Timetabling and Rostering
- o Sports Timetabling
- o Complexity Issues
- o Distributed Timetabling Systems
- o Experiences
- o Implementations
- o Commercial Packages

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- o Interactive vs Batch Timetabling
- o Timetable Updating
- o Standard Data Formats
- o Relationship with Other Scheduling Problems
- o Timetabling Research Areas, including:
  - Constraint-Based Methods
  - Evolutionary Computation
  - Artificial Intelligence
  - Graph Colouring
  - Expert Systems
  - Heuristic Search
  - Knowledge Based Systems
  - Operational Research
  - Simulated Annealing
  - Local Search
  - Mathematical Programming
  - Soft Computing
  - Tabu Search
  - Meta-Heuristics
  - Hyper-Heuristics
  - Very Large Neighborhood Search
  - Ant Colony Methods
  - Hybrid Methods
  - Multi-Criteria Decision Making
  - Fuzzy Reasoning

The Featured Keynote Speakers for this conference are:

Michel Gendreau (Centre de Recherche sur les Transports, Montréal, Canada)

James Orlin (MIT, USA)

Andrea Schaerf (Universita di Udine, Italy)

Submissions:

Authors are invited to submit