

# 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

## PATAT 2006: Second Call for Papers

- 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 presentations in one of three categories:

### (a) Full Papers

Authors should submit papers describing significant, original and unpublished work. Such papers are expected to be approximately 10–20 pages in length but this guideline is not strict. These papers will be fully refereed by the programme committee and the accepted ones will appear in a conference proceedings (ISBN 80–210–3726–1). As in previous years, a selection of the papers will appear in a post conference volume published in the Springer Lecture Notes in Computer Science series. The second round of refereeing for this volume will take place shortly after the conference.

### (b) Abstracts

Authors can submit abstracts of up to 1000 words. Abstracts will be

## PATAT 2006: Second Call for Papers

fully refereed. The accepted ones will appear in the conference proceedings. Abstracts will not go forward to the second round of refereeing for the post-conference volume. However, authors of accepted abstracts will have the opportunity to write a full paper based on their abstract and submit it for the selected papers volume. People who wish to give a talk (e.g. practitioners, researchers with preliminary or incomplete papers) but do not want to submit a full paper can submit under this category.

### (c) System Demonstrations:

Authors can submit an abstract, describing the major properties and contribution of implemented and/or commercial timetabling systems. Abstracts should not exceed 1000 words (3–4 pages). Authors of accepted submissions in this category are expected to provide a demonstration of their software during the conference. Demonstration submissions will be evaluated on the basis of their innovation, relevance and scientific contribution. The abstracts will be published in the conference proceedings but they will not be forwarded to the second round of refereeing for the post-conference volume. However, authors of accepted system demonstration abstracts are welcome to submit a full paper to the post-conference volume if they so wish.

### Submission Instructions:

Authors of all types of submitted papers are kindly requested to prepare a paper in English and submit it through our online submission system (available by the end of November, 2005). The length of the paper should fulfill the requirements given for each category above.

All papers must be submitted as a one PDF file and authors are requested to use the Springer lncs style (downloadable from <http://www.springer.de/comp/lncs/authors.html#Proceedings>):

- \* the LaTeX version is preferred,
- \* the Microsoft Word version is also acceptable,
- \* no other format can be accepted.

Authors using Microsoft Word must use the LNCS template for Microsoft Word.

All fonts must be embedded in the sent PDF files. Outline fonts (e.g. Type 1) are strongly preferred to bitmap fonts. Please, check fonts used by Adobe Reader (downloadable from <http://www.adobe.com/products/acrobat/readermain.html>) at File->Document Properties->Fonts.

Authors who have problems with the online system should contact one of the co-chairs of the Programme Committee for instructions. Please note that all participants will need to register for the conference and pay

## PATAT 2006: Second Call for Papers

the registration fee in order for accepted submissions to appear in the conference proceedings.

Preliminary announcement about the format of camera-ready papers:

For all accepted papers, we will require PDF file together with all source files. Only documents written in LaTeX or Microsoft Word can be sent as a camera-ready paper.

In the case of the LaTeX format usage, please, prepare your figures/pictures either in EPS (encapsulated PostScript) or in EPDF (encapsulated PDF). This is necessary because all vector graphics must remain in a resolution independent format.

Deadlines:

Paper/abstract/system submissions January 27th 2006  
Notification April 28th 2006 (at the latest)

Programme Committee:

Edmund Burke (co-chair) University of Nottingham, UK  
Hana Rudová (co-chair) Masaryk University, Czech Republic

Hesham Alfares King Fahd University, Saudi Arabia  
Viktor Bardadym Noveon Inc., Belgium  
James Bean University of Michigan, USA  
Peter Brucker University of Osnabrück, Germany  
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Kathryn Dowsland Gower Optimal Algorithms Ltd. UK  
Andreas Drexl University of Kiel, Germany  
Moshe Dror University of Arizona, USA  
Wilhelm Erben FH Konstanz – University of Applied Sciences, Germany  
Jacques A. Ferland University of Montreal, Canada  
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Alain Hertz Ecole Polytechnique de Montréal, Canada  
Jeffrey Kingston University of Sydney, Australia  
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Vahid Lotfi University of Michigan-Flint, USA  
Amnon Meisels Ben-Gurion University, Beer-Sheva, Israel  
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Jean-Yves Potvin Université de Montréal, Canada  
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Jonathan Thompson Cardiff University, UK  
Paolo Toth University of Bologna, Italy  
Michael Trick Carnegie Mellon University, USA  
Greet Vanden Berghe KaHo St.-Lieven, Belgium  
Stefan Voss University of Hamburg, Germany  
Dominique de Werra EPF-Lausanne, Switzerland  
George White University of Ottawa, Canada  
Michael Wright Lancaster University, UK  
Jay Yellen Rollins College, USA

### About the Venue:

Brno is the Czech Republic's second largest city. It lies in the middle of South Moravia and is a thriving centre of commerce and culture. The city has a rich history and a wide variety of architectural styles dating back almost a thousand years. Lying right at the heart of Europe, Brno is well placed to attract visitors from around the world. The city is a major trade fair centre, a grand prix motorcycle venue, and is the home of six universities and a number of research institutes.

The conference will be held at the Hotel International (which is a member of the Best Western Premier network of hotels). The hotel is located in a pleasant area of the city between the Cathedral of St. Peter and Paul and the 13th century Přibor fortress. Parks surrounding the fortress and cathedral provide a very convenient and quiet walking area. Adjacent areas of the old city offer excellent opportunities for shopping and a wide range of restaurants, pubs, and bars. The conference hotel is reasonably priced and includes excellent conference facilities.

Conference organizers can also provide details on how to book accommodations in a nearby student hostel. It is located within 5–10 minutes walking distance from the conference hotel.

Brno has a growing international airport. There are regular train and bus connections to large international airports at Prague and Vienna (Austria). Detailed travel instructions will be placed on the conference web site.

You can find more information about Brno at <http://www.brno.cz/>

and more about the hotel at <http://www.hotelinternational.cz/>

For more information, contact [info@xxxxxxxxxxxxxxxx](mailto:info@xxxxxxxxxxxxxxxx)

## PATAT 2006: Second Call for Papers

Conference Organisers are:

Edmund Burke  
Automated Scheduling, Optimisation and Planning Research Group  
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University of Nottingham  
University Park, Nottingham NG7 2RD  
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e-mail: ekb@xxxxxxxxxxxxxx

and

Hana Rudová  
Faculty of Informatics, Masaryk University  
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PATAT 2006 WEB SITE

Full updated information is always available from

<http://patat06.muni.cz>

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- Prev by Date: *On the primeness of the union of a chain of prime ideals.*
  - Next by Date: *Re: On the primeness of the union of a chain of prime ideals.*
  - Previous by thread: *On the primeness of the union of a chain of prime ideals.*
  - Next by thread: *Re: IS quantum mechanics a limit cycle theory??*
  - Index(es):
    - ◆ *Date*
    - ◆ *Thread*