Call for Papers

Annals of Operations Research

Special Volume: The Practice and Theory of Automated Timetabling

The Annals of Operations Research seeks submissions for a special volume on the Practice and Theory of Automated Timetabling.

The submission deadline is **3rd of November, 2014**.

The main topics of interest and themes of the special issue include (but are not limited to):

- Educational Timetabling
- Timetabling in Transport
- Employee Rostering
- Sports Timetabling
- Timetabling in Healthcare
- Mathematical Programming
- Constraint-Based Methods
- Expert Systems
- Knowledge Based Systems
- Fuzzy Systems
- Heuristic Search
- Metaheuristics (e.g., Evolutionary Computation, Simulated Annealing, Tabu Search, Ant Colony Methods)
- Systems to Build Systems (e.g., Hyper-heuristics, Algorithm Portfolios)

- Artificial Intelligence
- Operational Research
- Graph Colouring
- Resource Capacity Planning
- Parallel/Distributed Computing
- Hybrid Methods (e.g., Memetic Computing, Matheuristics)
- Machine Learning (e.g., Data Mining, Classifier Systems, Neural Networks)
- Multi-objective Approaches
- Multi-criteria Decision Making
- Foundational Studies (e.g., Complexity Issues)
- Timetabling Tools and Applications (e.g., Interactive and Batch Systems, Standard Data Formats, Ontologies, Experiences)

Submission Instructions

Authors should submit a manuscript by the 3rd of November, 2014 via the **Editorial Manager System** (http://www.editorialmanager.com/anor/), choosing "**S.I.: PATAT 2014**" as the Article Type. Also note that formatting instructions (including LaTeX macro package and Word template) can be found on the **Annals of OR** website:
http://www.springer.com/business/operations+research/journal/10479

Papers will be subject to a strict review process managed by the Guest Editors and accepted papers will be published online individually, before print publication.

Guest Editors

Edmund K. Burke	Ender Özcan	Barry McCollum
University of Stirling, UK	**University of Nottingham**	**Queen's University Belfast, UK**