**Call for Papers**

Journal of Scheduling

Special Issue: The Practice and Theory of Automated Timetabling

The Journal of Scheduling seeks submissions for a special issue on the Practice and Theory of Automated Timetabling. The submission deadline is **15 January, 2025**.

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, Algorithm Configuration)
* Graph Colouring
* Trustworthiness, Fairness and Ethical Issues in Timetabling
* Resource Capacity Planning
* Parallel/Distributed Computing
* Hybrid Methods (e.g., Memetic Computing, Matheuristics)
* Machine Learning (e.g., Data Mining, Classifier Systems, Neural Networks, Reinforcement Learning, Deep Learning)
* Multi-objective Approaches
* Multi-criteria Decision Making
* Foundational Studies (e.g., Complexity Issues, Instance Space Analysis)
* Timetabling Tools and Applications (e.g., Interactive/Batch Systems, Standard Data Formats, Benchmarking, Ontologies, Experiences)

**Submission Instructions**

Authors should submit a manuscript via the Journal of Scheduling **Editorial Manager System** (<https://www.editorialmanager.com/josh/>) before the submission deadline following the instructions below:

* Select Article Type: Paper and continue with the paper submission process (requesting "Edmund Burke" as editor under the 'Review Preferences') as usual.
* In the "Additional Information" tab:
  + Select the Submission Question as 'Does the manuscript belongs to Special issue'.
  + Then select "Yes", which will bring the titles of special issues for Journal of Scheduling as a menu
  + Now, select "S.I.: The Practice and Theory of Timetabling" and continue with the submission process.

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. The formatting instructions (including the LaTeX macro package - this is the suggested default submission format) can be found in the Journal of Scheduling website under the "Instructions for Authors" menu: <https://link.springer.com/journal/10951/submission-guidelines?IFA>

**Guest Editors**

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