

---

## 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):

- |  |   |
|--|---|
| <ul style="list-style-type: none"><li>• Educational Timetabling</li><li>• Timetabling in Transport</li><li>• Employee Rostering</li><li>• Sports Timetabling</li><li>• Timetabling in Healthcare</li><li>• Mathematical Programming</li><li>• Constraint-Based Methods</li><li>• Expert Systems</li><li>• Knowledge Based Systems</li><li>• Fuzzy Systems</li><li>• Heuristic Search</li><li>• Metaheuristics (e.g., Evolutionary Computation, Simulated Annealing, Tabu Search, Ant Colony Methods)</li><li>• Systems to Build Systems (e.g., Hyperheuristics, Algorithm Portfolios, Algorithm Configuration)</li><li>• Graph Colouring</li></ul> | <ul style="list-style-type: none"><li>• Trustworthiness, Fairness and Ethical Issues in Timetabling</li><li>• Resource Capacity Planning</li><li>• Parallel/Distributed Computing</li><li>• Hybrid Methods (e.g., Memetic Computing, Matheuristics)</li><li>• Machine Learning (e.g., Data Mining, Classifier Systems, Neural Networks, Reinforcement Learning, Deep Learning)</li><li>• Multi-objective Approaches</li><li>• Multi-criteria Decision Making</li><li>• Foundational Studies (e.g., Complexity Issues, Instance Space Analysis)</li><li>• Timetabling Tools and Applications (e.g., Interactive/Batch Systems, Standard Data Formats, Benchmarking, Ontologies, Experiences)</li></ul> |
|--|---|

### 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

Ender Özcan	Thomas Stidsen	Marco Chiarandini
University of Nottingham (UK)	Technical University of Denmark (DK)	University of Southern Denmark (DK)