

evostim 2011

6th european event
on nature-inspired
techniques in scheduling,
planning and timetabling

27-29 april 2011
torino – italy
www.evostar.org

submission deadline
* 22 november 2010
notification to authors
* 7 january 2011
camera-ready deadline
* 1 february 2011

Scheduling, planning and timetabling problems are amongst the most successful applications of evolutionary techniques to date. A range of representations and operators may be applied to a wide spectrum of problems in this area. As this is a mature area, papers building on previous work and case studies on the acceptance and implementation of evolutionary scheduling, planning and timetabling systems in the real-world are welcome. **evostim 2011** represents an opportunity for evolutionary computing researchers in the inter-related areas of planning, scheduling and timetabling to come together, present their latest research and discuss current developments and applications.

areas of interest and contributions

Topics of interest include, but are not limited to:

- * case studies of applications of evolutionary techniques to real-life problems in scheduling, timetabling, and planning;
- * theoretical developments, including benchmarking and other comparative studies;
- * hybrid methods and novel heuristics;
- * methods for fast and minimally disruptive rescheduling;
- * dynamic scheduling, planning and timetabling;
- * distributed scheduling, planning and timetabling;
- * sequencing problems
- * scheduling and planning in industrial environments including production planning, transportation and distribution;
- * educational course and exam timetabling;
- * employee and workforce scheduling;
- * organisation and resource scheduling;
- * generation of plans and construction of planners;

- * plan merging and decomposition of planning problems;
- * handling multiple goals in scheduling and planning;
- * planning under resource constraints;

publication details

Accepted papers will appear in the proceedings of **evo***, published in a volume of the *Springer Lecture Notes in Computer Science*, which will be available at the Conference.

submission details

Submissions must be original and not published elsewhere. The submissions will be peer reviewed by at least three members of the program committee. The authors of accepted papers will have to improve their paper on the basis of the reviewers' comments and will be asked to send a camera ready version of their manuscripts. At least one author of each accepted work has to register for the conference and attend the conference and present the work.

The reviewing process will be double-blind, please omit information about the authors in the submitted paper. Submit your manuscript in Springer LNCS format.

- * Submission link:
<http://myreview.csregistry.org/evoapps11>

- * Page limit: 10 pages.

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