

ICAPS 2011 – Tutorial Program Call for Tutorials

The organizing committee of the 21st International Conference on Automated Planning and Scheduling (ICAPS 2011) invites proposals for its tutorial program. Tutorials will be held during the two days immediately prior to the plenary sessions of the conference and registration is free for ICAPS participants.

The tutorial program offers the attendees first-hand experience with state-of-the-art trends in research and applications by leading experts. Ideally, tutorials should be accessible for an audience of general AI researchers while offering interesting insights to experts in the specific field.

We invite proposals for quarter-day or half-day tutorials on automated planning and scheduling research and applications. Given the success with quarter-day tutorials in the past, we highly recommend the proposers to adopt the former length as it is popular with potential attendees. For half-day tutorials, we encourage the proposers to divide them into loosely coupled quarter-day tutorials such that one is not the prerequisite of the other.

We welcome proposals in all areas of automated planning and scheduling including, but not limited to:

- Applications of planning and scheduling
- Online and continuous planning and scheduling
- Planning and scheduling heuristics
- Planning and scheduling under uncertainty
- Plan execution, plan monitoring and replanning
- Planning and scheduling with novel constraints including partial-satisfaction planning, over-subscription planning, and etc.
- Knowledge engineering for planning and scheduling
- Plan recognition
- Integration of planning and scheduling
- Parallelization of planning and scheduling algorithms
- Planning and scheduling for the Semantic Web and crowdsourcing

Tutorials should be designed to provide a comprehensive and in-depth perspective of some aspect of the state of the art in planning and scheduling research or applications. If you have any questions about the suitability of a particular tutorial topic please do not hesitate to contact the tutorial chairs.

Important Dates

- Deadline for proposal submission: October 15, 2010
- Acceptance notification: November 19, 2010
- Tutorials: June 12 and 13, 2011

Proposal Submission

Tutorial proposal submissions should be sent by email to both tutorial chairs with the subject "Tutorial Proposal for ICAPS-11" no later than October 15, 2010. Proposers will be notified by email of the acceptance or rejection of their proposal by November 19, 2010.

Tutorial Program Chairs

- Stephen Smith (Carnegie Mellon University, USA), sfs@cs.cmu.edu
- Rong Zhou (PARC, USA), rzhou@parc.com