ICAPS 2011 – Workshop Program
Call for Proposals

The organizing committee of the 21st International Conference on Automated Planning and Scheduling (ICAPS 2011) invites proposals for its workshop program. The workshops are intended to provide a forum to discuss research advances on a selected topic in an informal setting, and to promote dissemination and collaboration on new P&S challenges. The workshop program will consist of several concurrent workshops to be held during the two days before the plenary sessions of the conference. The registration for the workshop program is free for ICAPS participants.

The preferred length for a workshop is one full day, but half-day workshops may be accepted if justified. A typical format consists of oral presentation of works, and may possibly (but not necessarily) include talks by invited speakers, a poster session, a demo session, and others activities.

ICAPS workshops are not intended to be "mini-conferences" and thus it is the responsibility of the chairs of each workshop to enact initiatives that foster a live setting for interaction, debate, commentaries, etc. for the P&S community.

We welcome proposals on all areas related to AI planning and scheduling including, but not limited, to:

- Plan and activity recognition

- Real-world applications of planning and scheduling

- Technologies for planning and scheduling (CP, OR, ML, SAT, formal methods, meta-heuristics, etc.)

- Integration of planning and scheduling

- Knowledge engineering for planning and scheduling

- Planning and scheduling under uncertainty ((PO)MDPs, conformant and contingent planning, etc.)

- Plan execution, plan repair and replanning

- Planning and scheduling for the Semantic Web

- Extensions of planning and scheduling (optimization, preferences, soft constraints, over-subscription)

- Planning and scheduling in robotics

- Evaluation and benchmarking of planning and scheduling systems, planning competition

- Heuristics for planning and scheduling

The Proposal

Workshop proposals must be limited to 3 pages in length, and should provide:

- A description of the workshop topic. The workshop should focus on specific issues or themes rather than broad, general topics.

- A brief discussion of why the topic is of interest at this time, and why this topic is not adequately addressed by other meetings or conferences.

- A brief description of the proposed workshop length (if other than one day) and format. Formats should maximize opportunities for discussion and interaction, and should seek to involve all workshop participants. Innovative approaches to fostering interaction are encouraged.

- Names and full contact information for the organizing committee, plus short descriptions of their relevant expertise. Strong proposals include organizers who bring differing perspectives to the workshop topic and who are actively connected to the communities of potential participants.

- Estimation of the audience size. Optionally, a list of proposed attendees that have indicated potential (non-binding) interest in coming.

Organizers of accepted workshops will be responsible for:

- Setting up a web page for the workshop by December 20th, 2010 and keeping it updated until the workshop is held.

- Producing a call for participation (CFP) by December 20th, 2010. The web page and the CFP will be integrated into the ICAPS 2011 web site.

- Additional publicity such as distributing the CFP to relevant newsgroups and electronic mailing lists, and especially to potential audiences outside the ICAPS community.

- Organizing an effective review process for submissions and issuing invitations to participate in the workshop. Submissions should be received by February 11th, 2011, and notification to authors sent by March 11th, 2011.

- Formulating the detailed technical program for the workshop and making it available on the ICAPS 2011 web site by May 6th, 2011. The list of accepted papers for the workshop should appear in the web site by March 18th, 2011.

- Assembling a camera-ready copy for the electronic workshop proceedings in close interaction with the workshop program chairs.

Submission Procedure

Workshop proposals should be submitted by email in PDF to both workshop chairs with the subject "Workshop proposal for ICAPS-11" no later than October 15th, 2010. Organizers will be notified by email of the acceptance or rejection of their proposal by November 19th, 2010.

Summary of Important Dates

- Deadline for submission of proposals: October 15th, 2010

- Notification of acceptance: November 19th, 2010

- Workshop call for papers and web site: December 20th, 2010

- Workshop paper submissions: February 11th, 2011

- Workshop paper notification: March 11th, 2011

- List of accepted papers on the web: March 18th, 2011

- Camera-ready submissions: April 8th, 2011

- Workshop program on the web: May 6th, 2011

- Workshops dates: June 12th and 13th, 2011

Workshop Program Chairs

- Blai Bonet (Universidad Simón Bolívar, Venezuela), `bonet@ldc.usb.ve`

- Amedeo Cesta (Italian National Research Council, CNR-ISTC, Italy), `amedeo.cesta@istc.cnr.it`