DISTRIBUTED AND MULTI-AGENT PLANNING

Workshop at ICAPS 2014 – Call for Papers

Portsmouth, USA, June 22-23, 2014

`http://icaps14.icaps-conference.org/workshops_tutorials/dmap.html`

The 2nd Workshop on Distributed and Multi-Agent Planning (DMAP) will be held at the ICAPS 2014 conference in the tradition of the "Multiagent Planning and Scheduling" workshop series that were held at ICAPS 2005 and 2008, and also as a follow-on to last year's successful first edition of this workshop, DMAP'13.

The organizing committee of DMAP'14 invites paper submissions on topics related to distributed and multi-agent planning. Multiagent planning is a broad field with many applications, but its subfields remain mostly dispersed and uncoordinated. The main goal of the workshop is to bring researchers working in these subfields together and to bridge the gap between the planning and multi-agent systems communities. Relevant topics to the workshop are, among others:

- Multiagent planning and scheduling applications
- Techniques to overcome multiagent planning complexity
- Plan coordination/merging
- Distributed planning and scheduling
- Multiagent planning system architectures
- Multi-robot systems
- Self-interested planning agents
- Game theoretic planning
- Distributed planning under uncertainty
- Privacy in distributed planning
- Evaluation and benchmarks for distributed planning
- Centralized, decentralized and factored multiagent planning
- Multiagent planning problem modeling techniques and languages
- Domain-dependent and domain-independent multiagent planning

Workshop format

DMAP'14 is a full-day workshop, organized in technical sessions. Each presentation will be followed by ample time for questions, discussions.

Submission

Paper submission is in PDF only, formatted in AAAI style (`http://www.aaai.org/Publications/Author/author.php`).

Refer to the author instructions on the AAAI web site for detailed formatting instructions and LaTeX style files. Final papers will be in the same format, keep them to at most 8+1 pages long (meaning 8 pages plus 1 extra page containing only references). We also welcome the submission of short position papers (at most 4+1 pages long). Papers must be submitted by March 7th, 2014. All deadlines refer to 23:59 in the UTC-12 time zone. Paper submissions should be made through the workshop EasyChair web site:

`https://www.easychair.org/conferences/?conf=dmap2014`

Important dates

Paper submission: March 7th, 2014
Notification of acceptance: March 20th, 2014
Camera-ready paper submissions: April 17th, 2014

Organizing committee

Daniel Borrajo – Universidad Carlos III de Madrid, Spain
Dániel L. Kovacs – Budapest Univ. of Technology and Econ., Hungary
Alejandro Torreño – Universitat Politècnica de València, Spain

Program committee

Ronen Brafman – Ben-Gurion University of the Negev, Israel
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Antonín Komenda – Technion, Israel Institute of Technology, Israel
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Roni Stern – Harvard University, USA
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Shlomo Zilberstein – University of Massachusetts, Amherst, USA

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