



DISTRIBUTED AND MULTI-AGENT PLANNING

Workshop at ICAPS 2013 – Call for Papers Rome, Italy, June 10-11, 2013

<http://icaps13.icaps-conference.org/workshops/dmap>

The Workshop on Distributed and Multi-Agent Planning (DMAP) will be held at the ICAPS 2013 conference in the tradition of the "Multiagent Planning and Scheduling" workshop series that were held at ICAPS 2005 and 2008.

The organizing committee of DMAP'13 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. The focus of the workshop program is on:

- Multiagent planning and scheduling applications
- Techniques to overcome multiagent planning complexity
- Plan coordination/merging
- Distributed planning and scheduling
- Multiagent planning system architectures
- 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'13 is a ¼ 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 April 5th, 2013. 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=dmap2013>

Important dates

Paper submission (extended):	April 5th, 2013
Notification of acceptance:	April 19th, 2013
Camera-ready paper submissions:	May 6th, 2013

Organizing committee

Raz Nissim – Ben-Gurion University of the Negev
Daniel L. Kovacs – Budapest University of Technology and Economics
Ronen Brafman – Ben-Gurion University of the Negev

Program committee

Bradley J. Clement – NASA Jet Propulsion Laboratory
Amanda Coles – King's College London, UK
Andrew Coles – King's College London, UK
Carmel Domshlak – Technion, Israel Institute of Technology
Naoki Fukuta – Shizuoka University, Japan
Antonín Komenda – Czech Technical University
Roman van der Krogt – University College Cork
Alejandro Torreño Lerma – Universidad Politécnica de Valencia
Scott Sanner – National ICT Australia (NICTA)
Matthijs Spaan – Delft University of Technology
Mathijs de Weerd – Delft University of Technology
Shlomo Zilberstein – University of Massachusetts, Amherst



23rd International Conference on
Automated Planning and Scheduling



The workshop is organized in cooperation with COST Action IC1205 on Computational Social Choice.
Limited, dedicated travel funds will be available to students from participating countries.