

**** Apologies if you receive multiple copies of this message ****

We would be grateful if you could kindly circulate this Call to groups/professionals/lists for whom this may be of interest.

CALL FOR PAPERS

COPLAS 2009 Workshop on
Constraint Satisfaction for Planning and Scheduling

September, 19-20, 2009
Thessaloniki, Greece

<http://users.dsic.upv.es/~msalido/workshop-icaps09/index.html>

SCOPE AND FORMAT

The areas of AI planning and scheduling have seen important advances thanks to the application of constraint satisfaction models and techniques. Especially solutions to many real-world problems need to integrate plan synthesis capabilities with resource allocation, which can be efficiently managed by using constraint satisfaction techniques.

The workshop will provide a forum for researchers to discuss novel issues on application of constraint satisfaction technology in planning and scheduling. We invite submissions on any aspect of constraint satisfaction within P&S. The topics of the workshop include but are not limited to:

- constraint modelling for planning & scheduling
- reformulations of constraint models for P&S
- global constraints motivated by P&S
- temporal CSPs
- integration of temporal and resource reasoning via CSPs
- search techniques and heuristics
- distributed/parallel solving techniques
- constraint management in P&S systems
- real-life applications

The workshop will be organized in technical sessions, each session will be concluded by a commentary of the session chair. The goal of the commentary is not only to summarise the content of talks but to highlight important novel points and raise questions to foster further discussion. We also plan to have individual commentary of each paper done by other authors in the session. Rather than being a mini-conference, the workshop will focus on opening new research areas and topics, discussing possible solutions, exchanging ideas and approaches, and in general inspiring forthcoming research. A special issue of Constraints Journal is under consideration after the workshop.

This workshop continues the trail of the successful COPLAS'06, COPLAS'07 and COPLAS'08 Workshops on Constraint Satisfaction Techniques for Planning and Scheduling Problems.

DELIVERY AND PAPER SUBMISSION

We invite submissions on any topic relevant to the workshop including preliminary works. Papers must be prepared according to the AAAI style template (<http://www.aaai.org/Publications/Author/author.php>) and should not exceed ten (10) pages, including figures and bibliography. Papers must be in PDF format and should be submitted via email to Miguel A. Salido (msalido@dsic.upv.es). Every submitted paper will be reviewed by at least two members of the Program Committee to ensure relevance and quality of submissions and provide authors first feedback. Accepted papers will be included in the workshop notes.

The best papers will be invited to submit to a special issue of Constraints Journal.

IMPORTANT DATES

Extended Submission deadline: July 5, 2009
Notification date: July 22, 2009
Final date for camera-ready copy: August 7, 2008

PROGRAM COMMITTEE

Federico Barber, Universidad Politecnica de Valencia, Spain
Roman Bartak, Charles University, The Czech Republic
Amedeo Cesta, ISTC-CNR, Italy
Minh Binh Do, Parc, USA
Hector Geffner, Universidad Pompeu Fabra, Spain
Enrico Giunchiglia, Universita di Genova, Italy
Peter Jarvis, NASA Ames Research Center, USA
Philippe Laborie, ILOG, France
Michela Milano, Universita di Bologna, Italy
Alexander Nareyek, National University of Singapore, Singapore
Eva Onaindia, Universidad Politecnica de Valencia, Spain
Nicola Policella, European Space Agency, Germany
Hana Rudova, Masaryk University, The Czech Republic
Francesca Rossi, University of Padova, Italy
Miguel A. Salido, Universidad Politecnica Valencia, Spain
Pascal Van Hentenryck, Brown University, USA
Gerard Verfaillie, ONERA, Centre de Toulouse, France
Vincent Vidal, CRIL-IUT, France
Toby Walsh, UNSW, Sydney and NICTA, Australia

WORKSHOP ORGANIZATION

Miguel A. Salido (contact person), Universidad Politecnica de Valencia, Spain
Phone: +34.96.3877000 (Ext. 83512)
email: msalido@dsic.upv.es

Roman Bartak, Charles University, Praha, Czech Republic
Phone: +420 221 914 242
email: bartak@kti.mff.cuni.cz