

CALL FOR PAPERS

Artificial Intelligence Planning and Scheduling

A Special Track at the 21st International FLAIRS Conference (FLAIRS 2008)



Coconut Grove, Florida, U.S.A.
May 15-17, 2008



<http://ktiml.mff.cuni.cz/~bartak/FLAIRS2008>

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The Florida AI Research Society (FLAIRS) hosts the conference in cooperation with the Association for Advancements of Artificial Intelligence (AAAI) since 1988 so FLAIRS is one of the oldest AI conferences. The 21st conference is organized at Coconut Grove, Florida, USA in May 15-17, 2008. The special conference track on **AI Planning and Scheduling** welcomes papers from all areas of planning and scheduling. Topics of the special track include all aspects of planning and scheduling from theoretical studies to practical applications. Papers bridging the areas of planning and scheduling and application papers are especially welcome.

Topics include:

- Applications and case studies from planning and scheduling
- Methodologies and tools for specification, design, implementation, and validation of planning and scheduling systems
- Constrained-based planning and scheduling
- Search for planning and scheduling
- Distributed and multi-agent planning and scheduling
- Knowledge engineering techniques for planning and scheduling
- Planning with resources and time constraints
- Hierarchical task network planning
- Dynamic scheduling
- Mixed-initiative planning and scheduling
- Plan and schedule execution, monitoring and repair
- Planning and scheduling under uncertainty
- Anytime and real-time planning and scheduling

Publication and Paper Submission:

Submitted papers must be original, and not submitted concurrently to a journal or another conference. Papers will be refereed and all accepted papers will appear in the conference proceedings which will be published by AAAI Press. Authors can submit **full papers** (up to 6 pages) or **poster papers** (up to 2 pages). All papers must be formatted according to the AAAI guidelines. Fake author names and affiliations must be used on submitted papers, to provide double-blind reviewing. Papers must be submitted in PDF format through the EasyChair conference system which can be accessed through the main conference web site: <http://www.FLAIRS-21.info>. Authors of accepted papers will be required to sign a form transferring copyright of their contribution to AAAI. An author of each accepted paper is required to register and attend FLAIRS, and present the paper. Selected papers from this track will be published in the special issue of the **Journal of Scheduling** after a second round of refereeing.

Important dates:

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| Paper submission deadline | 21st November 2007 (extended) |
| Notification of paper decisions | 21st January 2008 |
| Final version of papers due | 21st February 2008 |



In cooperation with Association for the Advancement of Artificial Intelligence