Call for Papers/Participation

IJCAI-01 Workshop on

Planning with Resources

Seattle, WA, USA, August 4, 2001

Resources such as time, money and machines are fundamental features of real-world planning problems. However, conventional AI planning systems are not normally capable of handling these requirements. In recent years, with the ongoing orientation toward real-world applications, many researchers have begun working on techniques for resource handling. In this context, optimization goals other than plan length are also gaining importance.

The workshop is intended to bring together researchers from communities such as AI planning, scheduling, constraint programming and linear programming. The workshop aims to promote communication between researchers and seeks to highlight new and interesting ideas for planning with resources. Workshop topics will include:

- hybrid systems: separate planning and resource handling
- integrated systems
- reasoning techniques for resources
- temporal planning
- planning and scheduling
- planning with nontrivial optimization goals
- problem modeling, problem domains and benchmark results

Attendance

Attendance will be limited to 40 participants. Participants will be selected based on refereed submissions. If you wish to attend but are not submitting a paper, please send a one-page statement of interest by the submission deadline.

Submissions

Paper submissions should be no longer than six pages. Guidelines for the submission format can be found at:

`http://www.aaai.org/Publications/Author/macros-link.html`.

Papers may be submitted by e-mailing a document's URL to the workshop chair. If this is not possible, please contact the workshop chair. Accepted submissions will be distributed and included in the workshop notes.

Chair

Alexander Nareyek

GMD FIRST
Kekuléstraße 7
D - 12489 Berlin
Germany

Tel: +49 177 792 37 36
Fax: +49 30 6392 1805

E-mail: `alex@ai-center.com`

Committee

Steve Chien	NASA JPL
Brian Drabble	CIRL
Malik Ghallab	LAAS - CNRS
Ari K. Jonsson	NASA Ames
Jana Koehler	Schindler Lifts Ltd.
Nicola Muscettola	NASA Ames
Alexander Nareyek	GMD FIRST
Joachim P. Walser	i2 Technologies

Important Dates

Submission Deadline:
March 23, 2001

Submission Notification:
April 9, 2001

Final Submission Due:
April 22, 2001

Additional Information

IJCAI-01 Homepage:
`http://www.boeing.com/nosearch/ijcai/`

Workshop Homepage:
`http://www.ai-center.com/events/ijcai-2001-ws/`