



ICAPS 2005
Monterey, California

<http://icaps05.icaps-conference.org/>

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The *International Conference on Automated Planning and Scheduling (ICAPS)* is the premier forum for researchers and practitioners in intelligent planning and scheduling. This annual event brings together researchers and students from academia with technologists and application developers from industry and government to disseminate and discuss the latest advances in planning and scheduling techniques and tools. Important successes from this community include logistics planning for several major airlines, scheduling applications for the U.S. Department of Defense, Command and Control for spacecraft of both NASA and the European Space Agency, and commercial software with embedded intelligence for companies such as I2 and IBM.

This year's conference includes several technical tracks designed to maximize information exchange among the diverse range of participants: the **plenary track** provides for presentation of selected peer-reviewed papers describing recent key technical results and applications; **workshops** enable participants to discuss in-progress research and development activities; **tutorials** from senior members of the community provide newcomers to the field with in-depth overviews of critical topic areas; the **software demonstration track** provides a showcase for emerging technologies. The conference also hosts a **doctoral consortium** that enables advanced Ph.D. students both to present their research and to network with more senior researchers and prospective employers.

ICAPS 2005 will include a special competition on Knowledge Engineering that is designed to advance the state of the practice in eliciting and encoding the domain knowledge required to build deployable planning and scheduling systems.

ICAPS draws up to 200 of the top international researchers, graduate students, and industry representatives from the fields of Autonomy, Automated Planning, Scheduling and associated subfields of Artificial Intelligence. ICAPS 2005 will be held in Monterey, California during June 5-10, 2005.

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