

# ICAPS'15 Call for Papers

The 25th International Conference on Automated Planning and Scheduling(ICAPS 2015)  
June 7-11, 2015, Jerusalem, Israel.

[icaps15.icaps-conference.org](http://icaps15.icaps-conference.org) ([icaps15@easychair.org](mailto:icaps15@easychair.org) for inquiries)

## Important Dates:

- Abstracts due: November 14, 2014 – abstracts.
- Papers due: November 18, 2014 – papers.
- Notification: January 20, 2015

## Special tracks:

- Planning and Scheduling in Robotics
- Novel Applications of Automated Planning and Scheduling

The ICAPS 2015 program committee invites paper submissions related to automated planning and scheduling. Relevant contributions include, but are not limited to:

- Theoretical and empirical studies of planning and scheduling problems and algorithms;
- Novel techniques and approaches that extend the scope and scale of problems that can be solved;
- Analytic and implemented tools supporting automated planning and scheduling; and
- Case studies of applying automated planning and scheduling technologies to significant problems.

## Special Tracks:

ICAPS 2015 will continue to host two special tracks:

- **Robotics:** Planning, execution, and coordination for individual or teams of robots, at the level of tasks, behaviors and motions; applications in autonomous, mixed-initiative, and human-robot interactive systems; preference for techniques demonstrated on actual robot systems.
- **Novel Applications:** Emerging and deployed applications, case studies and lessons learned.

Additionally, the ICAPS program will include journal presentations, workshops and tutorials, each having separate submission and notification dates, to be announced separately.

For more information, see [icaps15.icaps-conference.org](http://icaps15.icaps-conference.org)

## Author Guidelines

Authors may submit long papers (8 pages plus up to one page of references) or short papers (4 pages plus up to one page of references). The type of paper must be indicated at submission time. For more information, see [icaps15.icaps-conference.org](http://icaps15.icaps-conference.org).

All papers, regardless of length, will be reviewed against the standard criteria of relevance, originality, significance, clarity and soundness, and are expected to meet the same high standards set by ICAPS. Short papers may be of narrower scope, for example by addressing a highly specific issue, or proposing or evaluating a small, yet important, extension of previous work or new idea. Authors making multiple submissions must ensure that each submission has significant unique content. Papers submitted to ICAPS'15 may not be submitted to other conferences or journals during the ICAPS'15 review period nor may they be already under review or published in other conferences or journals. Overlength papers will be rejected without review.

Topics include, but are not limited to:

- applications and case studies of planning and scheduling techniques
- uncertainty and stochasticity in planning and scheduling

- partially observable and unobservable domains
- conformant, contingent and adversarial planning
- plan and schedule execution, monitoring and repair
- continuous planning, on-line and real-time domains
- plan recognition, plan management and goal reasoning
- classical planning techniques and analysis
- continuous state and action spaces
- multi-agent and distributed planning
- domain modeling, knowledge acquisition and engineering
- machine learning for planning and scheduling

All submissions will be made electronically, through the EasyChair conference system:  
<https://www.easychair.org/conferences/?conf=icaps15>

### **Important Dates**

Abstracts (electronic submission) due: November 14th, 2014

Papers (electronic submission, PDF) due: November 18th, 2014

Notification of acceptance: January 20th, 2015

The reference timezone for all deadlines is UTC-12. That is, as long as there is still some place in the world where the deadline has not yet passed, you are on time!

### **Organizing Committee**

Conference chairs:

- Ronen Brafman (Ben-Gurion University, Israel)
- Carmel Domshlak (Technion - Israel Institute of Technology)

Program chairs:

- Patrik Haslum (Australian National University & NICTA, Australia)
- Shlomo Zilberstein (University of Massachusetts, Amherst, USA)

Novel Applications Track chairs:

- Roman Barták (Charles University, Czech Republic)
- Gabriella Cortellessa (Institute of Cognitive Sciences and Technologies, CNR, Italy)

Robotics Track chairs:

- Michael Beetz (University of Bremen, Germany)
- Reid Simmons (Carnegie Mellon University, USA)

Please direct all questions to [icaps15@easychair.org](mailto:icaps15@easychair.org).