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## IMPORTANT DATES

Paper submission: October 2, 2005  
Notification: October 31, 2005  
Final version due: November 21, 2005

## ORGANIZING COMMITTEE

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# Ninth International Symposium on Artificial Intelligence and Mathematics

## CALL FOR PAPERS

January 4-6, 2006  
Fort Lauderdale, Florida

Paper Submission Deadline: October 2, 2005

The International Symposium on Artificial Intelligence and Mathematics is a biennial meeting that fosters interactions between mathematics, theoretical computer science, and artificial intelligence. This is the ninth symposium in a series, which is sponsored by Annals of Mathematics and Artificial Intelligence. We seek submissions of recent results with a particular emphasis on the foundations of AI and mathematical methods used in AI. Papers describing applications are also encouraged, but the focus should be on principled lessons learned from the development of the application. Traditionally, the Symposium attracts participants from a variety of disciplines, thereby providing a unique forum for scientific exchange. The three-day symposium includes invited speakers, presentations of technical papers, and special topic sessions.

## INVITED SPEAKERS

- Thomas Dean, Brown University, USA
- Carla Gomes, Cornell University, USA
- Jeffrey S. Rosenschein, The Hebrew University of Jerusalem, Israel

**PAPER SUBMISSION:** Paper submission will be electronic via the submission link on the symposium web site. Papers, no more than (8) pages long, must be submitted in PDF or PS format. Fonts must be at least 10 point, and either a single or double column format may be used. The submission deadline is October 2, 2005 (11:59PM EST). Papers will be reviewed by members of the Program Committee. Authors will be notified of acceptance or rejection by October 31, 2005. Final versions of accepted papers, for inclusion in the conference electronic proceedings, are due by November 21, 2005. Note that papers may be submitted to the Symposium even if submitted to other conferences or journals, because the Symposium web site is not archival.

Full versions of a selected set of papers from the Symposium will be included in a special volume of Annals of Mathematics and Artificial Intelligence, published by Springer. Authors of these selected papers will be invited to submit their full version subject to refereeing at the usual high standards of the journal and will receive more details with the acceptance notice. Any questions regarding paper submission should be sent to the program chair, Shlomo Zilberstein <shlomo@cs.umass.edu>.

**SPONSORS:** The Symposium is partially supported by the Annals of Math and AI and Florida Atlantic University.

**ADVISORY COMMITTEE:** The Editor-in-Chief (Martin Charles Golumbic) and the members of the Editorial Board of Annals of Mathematics and Artificial Intelligence serve as the permanent Advisory Committee of the Symposium.

Further details can be found at: <http://anytime.cs.umass.edu/aimath06/>