The Tenth International Symposium on Artificial Intelligence and Mathematics

iSAiM 2008

**January 2 - 4, 2008
Fort Lauderdale, Florida**

`http://isaim2008.unl.edu`

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IMPORTANT DATES
Paper submission: October 1, 2007
Notification: October 31, 2007
Final version due: November 21, 2007

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Call for Papers

The International Symposium on Artificial Intelligence and Mathematics (ISAIM) is a biennial meeting that fosters interactions between mathematics, theoretical computer science, and artificial intelligence. This is the tenth symposium in the series. 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

- David McAllester, Toyota Technological Institute at Chicago, USA
- Francesca Rossi, Padova University, Italy
- Naftali Tishby, The Hebrew University, Israel

SPECIAL TOPIC SESSIONS

- Logic in Artificial Intelligence: Session in Honor of the 65th Birthday of Victor W. Marek
  Organizers: Michael Kaminski (Technion) and Miroslaw Truszczynski (U. Kentucky)
- Computation and Social Choice
  Organizer: Toby Walsh (NICTA and U. New South Wales)
- Effective Exploration in Active Learning and Reinforcement Learning
  Organizer: Pascal Poupart (U. Waterloo)

PAPER SUBMISSION: Paper submission will be electronic via the submission link on the symposium web site (isaim2008.unl.edu). Papers must be in PDF, formatted using the AAAI format and cannot exceed six (6) pages, not counting references. The submission deadline is *Monday, October 1, 2007 (11:59PM PDT)*. Authors will be notified of acceptance or rejection by *Wednesday, October 31, 2007*. Final versions of accepted papers, for inclusion in the conference electronic proceedings, are due by *Wednesday, November 21, 2007*. Final versions should be in AAAI format and cannot exceed eight (8) pages, not counting references. 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 selected 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 standards of the journal and will receive more details with the acceptance notice.

TRAVEL SUPPORT: Limited travel support is available for students, contact isaim2008@cse.unl.edu to apply.

SPONSORS: The Symposium is partially supported by Annals of Mathematics and Artificial Intelligence, Caesarea Rothschild Institute at the University of Haifa, Florida Atlantic University (Department of Mathematical Sciences), Florida-Israel Institute, Intelligent Information Systems Institute at Cornell, Google Inc., and Microsoft Research.

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 the symposium web site: http://isaim2008.unl.edu
All inquiries should be sent to: isaim2008@cse.unl.edu.