ISMIS2018

24th International Symposium on Methodologies for Intelligent Systems

29–31 October 2018 / Limassol, Cyprus

OVERVIEW

ISMIS is an established and prestigious conference for exchanging the latest research results in building intelligent systems. Held twice every three years, the conference provides a medium for exchanging scientific research and technological achievements accomplished by the international community.

Conference Scope

The scope of ISMIS is intended to represent a wide range of topics on applying Artificial Intelligence techniques to areas as diverse as decision support, automated deduction, reasoning, knowledge based systems, machine learning, computer vision, robotics, planning, databases, information retrieval, etc. The focus is on research in intelligent systems. The conference addresses issues involving solutions to problems that are complex to be solved through conventional approaches and that require the simulation of intelligent thought processes, heuristics and applications of knowledge. The integration of these multiple approaches in solving complex problems is of particular importance. ISMIS provides a forum and a means for exchanging information for those interested purely in theory, those interested primarily in implementation, and those interested in specific research and industrial applications.

IMPORTANT DATES

- Paper submission: **May 10, 2018**
- Notification of accept/reject: **July 10, 2018**
- Camera-Ready: **July 31, 2018**
- Author Registration Deadline: **July 31, 2018**

VENUE

St. Raphael Resort - 5*

The St. Raphael Resort is located on one of the most renowned and largest beaches in Limassol, only a short coastal drive from the lively centre of town, approximately 10 minutes away. The Larnaca International Airport is 35 minutes away, and Paphos International Airport is 55 minutes away. There are shops, restaurants and bars within walking distance and a bus stop exactly outside the hotel.

This carefully chosen, tranquil location with the calm sea at your doorstep and the town only a few moments away; has convenient access to the island's motorway. Any other coastal town, mountain village or tourist attraction is hardly more than an hour's drive away.

COMMITTEES

Organizers

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Symposium Chair

- George Papadopoulos (University of Cyprus, Cyprus)

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- Nathalie Japkowicz (American University, USA)
- Jiming Liu (Hong Kong Baptist University, Hong Kong)

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- Dominik Slezak (University of Warsaw, Poland)
- Maria Zemankova (NSF, USA)

CALL FOR PAPERS

Conference Theme

The scope of ISMIS is intended to represent a wide range of topics on applying Artificial Intelligence techniques to areas as diverse as decision support, automated deduction, reasoning, knowledge based systems, machine learning, computer vision, robotics, planning, databases, information retrieval, etc. The focus is on research in intelligent systems. The conference addresses issues involving solutions to problems that are complex to be solved through conventional approaches and that require the simulation of intelligent thought processes, heuristics and applications of knowledge. The integration of these multiple approaches in solving complex problems is of particular importance. ISMIS provides a forum and a means for exchanging information for those interested purely in theory, those interested primarily in implementation, and those interested in specific research and industrial applications.

Topics of Interest

ISMIS 2018 is intended to attract individuals who are actively engaged both in theoretical and practical aspects of intelligent systems. The goal is to provide a platform for a useful exchange between theoreticians and practitioners, and to foster the cross-fertilization of ideas in the following areas:

- Active Media Human-Computer Interaction
- Autonomic and Evolutionary Computation
- Digital Libraries
- Health Informatics
- Intelligent Agent Technology
- Intelligent Data Processing and Analytics
- Intelligent Information Retrieval
- Intelligent Information Systems
- Intelligent Language Processing
- Knowledge Integration and Aggregation
- Knowledge Discovery and Data Mining
- Knowledge Visualization
- Logic for Artificial Intelligence
- Multimedia Information Retrieval
- Soft Computing
- Text Mining
- Web Intelligence
- Web Mining

In addition, we solicit papers dealing with Applications of Intelligent Systems in complex/novel domains, e.g. art, human genome, global change, manufacturing, social good, etc.

Publication

The ISMIS 2018 proceedings will be published by Springer in LNAI (Lecture Notes in Artificial Intelligence) and will be available at the conference. Authors of best papers will be invited to submit their extended versions to the Journal of Intelligent Information Systems (JIIS) published by Springer. Fast Track Processing will be used to have them reviewed and published.

SUBMISSION

Authors are invited to submit their manuscripts in LNCS/LNAI style (maximum 10 pages). All paper submissions will be handled electronically. All submissions will be subject to review by the ISMIS 2018 Program Committee. Papers should be prepared using the Springer LNCS/LNAI style (please see this page).

Papers should be submitted in PDF form via ISMIS 2018 Online Submission System.

The submission system is already open for submissions.

SPECIAL SESSIONS

ISMIS 2018 solicits proposals for special sessions within the technical scope of the conference. Special sessions supplement the regular program of the conference and provide a sample of the state-of-the-art research in specific topics.

Special-session proposals should be submitted by the prospective organizer(s) who will commit to promoting and handling the review process of their special session as Chairs or Co-Chairs of the event. Proposals should include the following information:

- Title
- Name(s) of organizer(s)
- Email of main contact person
- Brief bio(s) of organizer(s)
- Brief description
- Related topics (with respect to those of the Main Conference)
- Potential participants
- A draft of the CFP
- Description of publicity and promotion plan

Papers submitted to special sessions will have to be evaluated and peer-reviewed along the very same criteria as the regular sessions. It is expected that 4 or 5 papers are presented at each special session. The accepted papers will be published by Springer in the same conference volume with the regular accepted papers.

Important Dates

- Submission of proposals: February 2nd, 2018
- Notification of acceptance: February 9th, 2018

Submission Guidelines

Special-session proposals should be submitted in PDF format by E-mail to the SpecialSessions Chair Stefano Ferrili at: stefano.ferilli@uniba.it

CONTACT

Academic Matters

Prof. George A. Papadopoulos

☎ (+357) 22 892 693
@ george@cs.ucy.ac.cy

Local Arrangements

Easy Conferences

☎ (+357) 22 591 900
@ info@easyconferences.eu

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