

Call for papers

The scientific program of IBERAMIA 2002 will include the Main Conference and the associated Workshops and Tutorials.

The **Main Conference** will be structured along two main modules that will be held in parallel sessions: Paper Track and Open Discussion Track.

The **Paper Track** session is intended for the AI International Community. Papers submitted should present substantial new results in theoretical, empirical and applied research in all areas of Artificial Intelligence.

The **Open Discussion Track** is composed of working sessions devoted to the most important areas of research in Iberoamerican countries. This track is intended to showcase promising new directions and allow feedback on preliminary work. Submissions of challenge and position papers are also solicited. IBERAMIA 2002 especially encourages students from Iberoamerican countries to submit their preliminary doctoral work.

Workshops and **Tutorials** will be held in conjunction with the main conference. Their focus will be complementary to the conference topics. The IBERAMIA 2002 Program Committee invites proposals for both events.

Conference topics

IBERAMIA 2002 topics include, but are not limited to:

- Intelligent User Interfaces: Multimedia Applications and Virtual Reality
- Machine Learning, Knowledge Discovery and Data Mining
- Evolutionary Computation, Genetic Algorithms and Neural Networks
- Real Time Systems
- AI Foundations and Knowledge Representation
- Knowledge Engineering (Ontologies, Knowledge Acquisition, Knowledge Representation, Reuse of Knowledge)
- Reasoning Models: Non-monotonic Reasoning, Common-Sense Reasoning, Case-Based Reasoning, Abduction, Temporal Reasoning, Belief Revision, Model-Based Reasoning, Qualitative Reasoning and Reasoning under Uncertainty
- Natural Language Processing
- Robotics, Perception and Artificial Vision
- Constraint Satisfaction, Planning and Scheduling
- Decision Support Systems
- AI in Education and Intelligent Tutoring Systems
- Multi-Agent Systems and Distributed AI

Committees

Program Committee

President: Francisco J. Garijo. Telefónica I+D, Madrid, Spain

Organizing Committee

President: Miguel Toro. Univ. Seville
Vice-president: José Riquelme. Univ. Seville

Awards

IBERAMIA 2002 will give the following awards:

- **José Negrete** award to the best paper at IBERAMIA 2002
- **José Cuena** award to the best doctoral work done at iberoamerican universities
- Award to the best work presented at the Open Discussion Track
- Award to the best master work done at iberoamerican universities

Publication

Accepted Paper Track papers will appear in the Springer Verlag's **Lecture Notes in Computer Science / Lecture Notes in Artificial Intelligence** series conference proceedings. One author of each accepted paper will be required to attend the conference to present the paper. Furthermore, it is the conference policy that at least one of the authors of accepted papers has to register IBERAMIA 2002 by October 15th, 2002

The Program Committee will select some papers for publication in a special issue of the **Journal of Intelligent & Fuzzy Systems** (IOS Press). The authors of the selected papers will be invited to submit an extended version of their paper. These extended papers are subject to another review.



Presentation

IBERAMIA is the international forum where the Iberoamerican AI community meet together for presenting and discussing the research and development carried out in South and Central America countries, Spain and Portugal.

The goals of IBERAMIA are to strengthen the relationship among the research groups of the Iberoamerican community, to create the appropriate conditions for researchers to disseminate their research work and to facilitate the contact between new researchers and consolidated groups.

The 8th edition of IBERAMIA will take place at Seville (Spain) in november 12-15th, 2002.

The biennial celebration of these conferences is promoted by the Executive Committee of IBERAMIA with the support of several Artificial Intelligence associations from Spanish and Portuguese speaking countries: Argentina (AAIA), Spain (AEPIA), Portugal (APPIA), Venezuela (AVINTA), Brasil (SBC), Cuba (SMCC) and México (SMIA).

Important Dates

Papers

Deadline for paper submission: may 31th
Notification of acceptance: june 30th
Deadline for camera-ready papers: august 1st

Workshops

Deadline for Workshop proposal: may 31th
Notification of acceptance: june 20th

Tutorials

Deadline for Tutorial proposal: may 31th
Notification of acceptance: june 20th
Deadline for Tutorial hand-outs: october 27th

Organization

IBERAMIA 2002 is organized by the Departamento de Lenguajes y Sistemas Informáticos of the University of Seville.



IBERAMIA 2002

VIII Iberoamerican Conference on Artificial Intelligence

Seville (Spain)
november 12th – 15th, 2002

<http://www.lsi.us.es/iberamia2002>
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