

IBERAMIA 2004

9TH Ibero-American Conference on AI

Puebla, Mexico
November 22-26, 2004

The IX Ibero-American Conference on Artificial Intelligence (IBERAMIA) will take place at Puebla, Mexico, hosted by the Instituto Nacional de Astrofísica Óptica y Electrónica (INAOE), from November 22-26, 2004.

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

IBERAMIA is supported by the Ibero-American societies of AI

AEPIA - Asociación Española para Inteligencia Artificial
APPIA - Associação Portuguesa para Inteligencia Artificial
SBC - Sociedade Brasileira de Computação, Brazil
SMIA - Sociedad Mexicana de Inteligencia Artificial

The first IBERAMIA conference was held in 1988 at Barcelona. Since then IBERAMIA has been the forum to debate research and development on AI in Spanish and Portuguese speaking countries. Following Barcelona IBERAMIA conferences were held every two years Morelia 1990(Mexico), La Habana 1992 (Cuba), Caracas 1994 (Venezuela), Cholula 1996 (Mexico), Lisboa 1998 (Portugal), Sao Paulo 2000 (Brazil), and Sevilla 2002 (Spain)

In these sixteen years, the goals of IBERAMIA have been to strengthen the relationship among the AI research groups of the Ibero-American 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 conference will be structured along two main modules:

- . workshops track
- . paper track

The workshops track is composed of working sessions devoted to the most important areas of AI research in Ibero-American countries. Papers submitted to this workshops track may be written in Portuguese, Spanish or English; they will be reviewed and published in a local edition.

The paper track is composed of invited talks and paper presentations from all over the world, covering all topics listed above. Proceedings of this paper track will be published in Springer Verlag's LNCS/LNAI series

Conference topics

IBERAMIA 2004 topics include, but are not limited to:

- Knowledge Engineering and Case Based Reasoning.
- Planning and Scheduling.
- Distributed AI and Multi-Agent Systems.
- AI in Education and Intelligent Tutoring Systems.
- Knowledge Representation and Reasoning.
- Machine Learning and Knowledge Acquisition.
- Knowledge Discovery and Data Mining.
- Natural Language Processing.
- Robotics.

- Computer Vision.
- Uncertainty and Fuzzy Systems.
- Genetic Algorithms and Neural Networks.
- Foundations (philosophy, mathematics, logic etc.).

Important dates:

Papers

Deadline for paper submission	May 21th, 2004
Notification of acceptance	July 5th, 2004
Deadline for camera-ready papers	August 5th, 2004

Workshops

Deadline for Workshop proposal	May 14th, 2004
Notification of acceptance	June 11th, 2004

Papers for Workshops

Deadline for paper submission	June 30th, 2004
Notification of acceptance	July 30th, 2004
Deadline for camera-ready papers	August 27th, 2004

Tutorials

Deadline for Tutorial proposal	May 24th, 2004
Notification of acceptance	June 24th, 2004
Deadline for Tutorial hand-outs	October 29th, 2004

Registration

Deadline for early registration	August 15th, 2004
Deadline for late registration	October 29th, 2004

Steering Committee

Francisco Garijo, Telefónica I+D, Spain
 Helder Cohelo, University of Lisboa, Portugal
 Christian Lemaître, LANIA, Mexico
 Miguel Toro, University of Sevilla, Spain
 Federico Barber, AEPIA, Spain
 Pavel Brazdil, APIA, Portugal
 Jaime Sichman, SBC, Brazil
 Humberto Sossa, SMIA, Mexico

Program Committee

Program Chair: Christian Lemaître, LANIA, Mexico

Salvador Abreu, University of Evora, Portugal
 Juan Manuel Ahuactzin, IMAG-UJF / INRIA, France
 Leopoldo Altamirano Robles, INAOE, Mexico
 Matías Alvarado, IMP, Mexico
 Analia Amandi, UNICEN, Argentina
 Elisabeth Andre, University of Augsburg, Germany
 Ronald C. Arkin, Georgia Institute of Technology, USA
 Gustavo Arroyo Figueroa, IIE, Mexico
 Ruth Aylett, University of Salford, UK
 Antonio Bahamonde, University of Oviedo, Spain
 Federico Barber, Polytechnic University of Valencia, Spain

Beatriz Barros, UNED, Spain
Guilherme Bittencourt, UFSC, Brazil
Dibio Leandro Borges, PUC-PR, Brazil
Pavel Brazdil , UP, Portugal
Ramón Brena, ITESM-Mty, Mexico
Carlos A. Brizuela, CICE SE, Mexico
Jean Pierre Briot, LIP6, France
Paul Brna , Northumbria University, UK
Maria das Graças Bruno Marietto, USP, Brazil
Francisco Cantú Ortiz, ITESM-Mty, México
Ariadne Carvalho, UNICAMP, Brazil
Fernando Carvalho, UFC, Brazil
Alejandro Ceccatto, IFIR, Argentina
Stefano Cerri, LIRMM, France
Francisco Cervantes, ITAM, Mexico
Carolina Chang, Universidad Simón Bolívar, Venezuela
Carlos A. Coello Coello, CINVESTAV, México
Simon Colton, Imperial College, UK
Juan M Corchado, USAL, Spain
Luis Correia, DI/FC-UL, Portugal
Ernesto Costa, UC, Portugal
Paulo Cortez, University of Minho, Portugal
Nicandro Cruz, LANIA, Mexico
Yves Demazeau, INPGIMAG, France
Michel Devy , LAAS, France
Thomas G. Dietterich, Oregon State University, USA
Francisco J. Diez , UNED, Spain
Juergen Dix, University of Manchester, UK
José Dorronsoro, UAM, Spain
Alexis Drogoul, LIP6, France
Ed Durfee, University of Michigan, USA
Amal El Fallah, LIP6, France
Joaquin Fdez-Valdivia, University of Granada, Spain
Antonio Ferrandez, University of Alcala, Spain
Marcelo Finger, USP, Brazil
Bob Fisher, University of Edinburgh, UK
Juan Flores, Universidad Michoacana, Mexico
Maria Fox, University of Strathclyde ,UK
Olac Fuentes, INAOE, Mexico
Jose A. Gamez Martin, University of Castilla-La Mancha, Spain
Luciano García Garrido, University of la Habana, Cuba
Ana García Serrano, UPM, Spain
Alexander Gelbukh, CIC-IPN, Mexico
Michael Gelfond, Texas Tech University, USA
Duncan Gillies, Imperial College, UK
Pilar Gómez Gil, UDLAP, Mexico
José Luis Gordillo, ITESM-Mty, Mexico
Gabriela Henning, UNL, Argentina
Arturo Hernández Aguirre, CIMAT, Mexico
Johan van Horebeek, CIMAT, Mexico
Michael Huhns, University of South Carolina, USA
Leo Joskowicz, Hebrew University of Jerusalem, Israel
Celso A. Kaestner, PUC-PR, Brazil
Ingrid Kirschning, UDLAP, Mexico
Ryszard Klempous, Institute of Engineering Cybernetics, Poland
Kevin Knight, USC, USA
Mario Köppen, Dresden University of Technology, Germany
Marcelo Ladeira, UNB, Brazil
Gerhard Lakemeyer, RWTH Aachen, Germany
William B Langdon, University College, UK
Pedro Larrañaga, University of the Basque Country, Spain
Kwang Lee, Penn State University, USA
Jim Little, UBC, Canada
Michael M. Luck, University of Southampton, UK
Jacek Malec, Lund University, Sweden
Roque Marín, University of Murcia, Spain
Luis Marques Custodio, ISR, Portugal
Ana Teresa Martins, UFC, Brazil
René V. Mayorga, University of Regina, Canada
Riichiro Mizoguchi, Osaka University, Japan

Chilukuri K. Mohan, Syracuse University, U.S.A
 Maria Carolina Monard, USP, Brazil
 Raúl Monroy, ITESM-CEM, Mexico
 Eduardo Morales, ITESM-Mor, Mexico
 Rafael Morales Gamboa, IIE, Mexico
 Guillermo Morales Luna, CINVESTAV-IPN Mexico
 Antonio Moreno, URV, Spain
 José Carlos Ferreira Maia Neves, UMINHO, Portugal
 Pablo Noriega, IIIA, Spain
 Allberto Oliart Ros, LANIA, Mexico
 Gabriela Ochoa Meier, University Simon Bolivar, Venezuela
 Mauricio Osorio Galindo, UDLAP, Mexico
 Arlindo Oliveira, INESC, Portugal
 Eugénio Oliveira, UP, Portugal
 Juan Pavón, U Complutense, Spain
 Luis Moniz Pereira, UNL, Portugal
 Gabriel Pereira Lopes, UNL, Portugal
 Andrés Pérez Uribe, EIVD, Switzerland
 Luis Alberto Pineda, UNAM, Mexico
 Angel P. del Pobil, Jaume I University, Spain
 Agostino Poggi, UNIPR, Italy
 Andre Ponce de Leon F. de Carvalho, USP, Brazil
 Long Quan, Hong Kong University of Science and Technology, China
 Paulo Quaresma, University of Evora, Portugal
 Geber Ramalho, UFPE, Brazil
 Anna Helena Reali, USP, Brazil
 Carlos Alberto Reyes García, INAOE, Mexico
 Maria Cristina Riff, Universidad Técnica Federico Santa María, Chile
 José Riquelme Santod, University of Seville, Spain
 Katya Rodríguez Vázquez, UNAM Mexico
 Abraham Sánchez, BUAP, Mexico
 Eugene Santos, University of Connecticut, USA
 Fernando Silva, UP, Portugal
 Leonid Sheremetov, IMP, Mexico
 Maarten van Someren, University of Amsterdam, The Netherlands
 Humberto Sossa, CIC-IPN, Mexico
 Enrique Sucar, ITESM-Mor, Mexico
 Juan Manuel Torres, University of Avignon, France
 Rosa Vicari, UFRGS, Brazil
 Luis Villaseñor, INAOE, Mexico
 Toby Walsh, University of York, UK
 Franz Wotawa, TUG, Austria
 Gerson Zaverucha, UFRJ, Brazil

Organizing Committee

Local Chair: Carlos Alberto Reyes García, INAOE
Local Vice Chair: Aurelio López López INAOE,
Cyber Co-Chairs: Leopoldo Altamirano, Jesús González, INAOE
Publicity Co-Chairs: Luis Villaseñor Pineda, Manuel Montes y Gomez, INAOE
Workshops Chair: Guillermo de Ita BUAP-INAOE,
Tutorial Chair: Angélica García, INAOE
Finance Chair: Carmen Meza Tlalpan, INAOE
Local Arrangement Chairs: Gorgonio Cerón Benítez, INAOE
Web Site Design & Maintenance: Hector Lopez, INAOE