

THE MEXICAN SOCIETY FOR  
ARTIFICIAL INTELLIGENCE AND  
THE AUTONOMOUS UNIVERSITY  
OF THE STATE OF HIDALGO  
INVITE YOU TO ATTEND THE  
9<sup>th</sup> MICAI 2010.



This event is organized to address current AI research topics and applications. The aim is to bring together leading researchers from all over the world, interested in advancing the state of the art in AI.

The conference will provide an exceptional opportunity to the researchers to meet and discuss scientific results and new approaches for solving AI problems. The 5-day conference begins with two days of **Workshops** and **Tutorials**.

The main activities will feature invited speakers from 5 different countries and paper presentation in parallel track by 120 researchers from 25 countries. All papers accepted for oral presentation will appear in the conference proceedings published by **Springer** in a volume of the series **Lecture Notes in Artificial Intelligence**.



## DIRECTORY

Mtro. Humberto Veras Godoy  
Rector de la UAEH

Lic. Gerardo Sosa Castelán  
Secretario General de la UAEH

M. en C. Octavio Castillo Acosta  
Director del Instituto de Ciencias Básicas e Ingeniería

M. en C. Gonzalo Alberto Torres Samperio  
Jefe del Área Académica de Computación

## CONFERENCE ORGANIZATION

Conference chair:  
Dr. Carlos Alberto Reyes García

Program chairs:  
Dr. Grigori Sidorov  
Dr. Arturo Hernández Aguirre

Local chairs:  
Dr. Félix Agustín Castro Espinoza  
Dr. Joel Suárez Cansino

## SPONSORS



Venue UAEH main building:  
Abasolo 600, Colonia Centro, Pachuca de Soto, Hgo.  
Accommodation:  
Hotel Emily is the Hotel Venue  
<http://www.hotelemily.com.mx/aboutus.html>



## 9<sup>th</sup> MEXICAN INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE

November 8<sup>th</sup>-13<sup>th</sup>, 2010



## WORKSHOPS

November 8 - 9, 2010.

The aim of the workshops is to bring together active researchers and people interested in some of the more working topics in AI. Four workshops will be celebrated in MICAI 2010:

- \* Hybrid Intelligent Systems
- \* Computer Security, WSEC
- \* Intelligent Learning Environment, WILE
- \* Industrial Applications of AI

## DOCTORAL CONSORTIUM

November 8 to 12, 2010.

This activity is open to all doctorate program students with an approved research topic in Computer Science and with enough time to obtain the degree in order to be able to benefit from feedback.

## TUTORIALS

Between 6 to 8 tutorials related with AI topics will be celebrated at November 8-9, 2010.

Tutorials cover surveys, theoretical issues, important advances, and practical applications of the field. Tutorials will be 4 hours length.

## BEST THESES AWARDS

This Competition is open to master and doctoral graduates theses of any University of Mexico, written in spanish or english, whose main topic be related to AI, the degree should be obtained between January 1, 2009 and September 16, 2010.



## CULTURAL EVENTS AND LOCAL TOURS

November 13, 2010.

- \* Teotihuacan's pyramids and others local attractive touristic places.

## INVITED SPEAKERS

*Hector Garcia-Molina*

Professor, Department of Computer Science and Electrical Engineering Stanford University, USA  
*Title: CourseRank: A Social Site for Academic Course Planning and Evaluation*

*Witold Pedrycz*

Department of Electrical and Computer Engineering, University of Alberta, Canada  
*Title: Fuzzy modeling: fundamentals, design and challenges*

*De-Shuang Huang*

Institute of Intelligent Machines, Chinese Academy of Sciences, China

*Raúl Monroy*

Computer Science Department, Tecnológico de Monterrey Campus Estado de México, Mexico  
*Title: Some Encounters on the Productive Use of a Failed Proof Attempt or a Counterexample*

*Boris Stilman*

Professor, Department of Computer Science, University of Colorado Denver, USA  
Chairman & CEO, STILMAN Advanced Strategies, USA

*Claudia Manfredi*

Department of Electronics and Telecommunications, Faculty of Engineering, University of Firenze, Firenze, Italy  
*Title: Interdisciplinary Laboratory of biomedical acoustics and overview of projects and co-operations*

## CONACyT THEMATIC NETWORKS MEETING

November 8 - 9, 2010.

In this activity, different groups of the CONACyT thematic networks will be joined in order to work together to reach the network objectives.



## TOPICS

- \* Machine Learning and Pattern Recognition
- \* Hybrid Intelligent Systems and Neural Networks
- \* Logic, Reasoning, Ontologies, Knowledge Management, Knowledge-Based Systems, Multi-agent Systems and Distributed Artificial Intelligence
- \* Data Mining
- \* Natural Language Processing
- \* Evolutionary algorithms and other naturally-inspired algorithms
- \* Intelligent Tutoring Systems
- \* Computer Vision and Image Processing
- \* Fuzzy Logic, Uncertainty and Probabilistic Reasoning
- \* Bioinformatics and Medical Applications
- \* Robotics, Planning and Scheduling

## REGISTRATION FEES

- \* Authors with papers accepted for publication in LNAI, IEEE CPS and MICAI Posters – 590 USD
- \* Student (non-author) - 300 MXN
- \* Workshops' participant (who is neither author nor student) - 1150 MXN
- \* Full participant (who is neither author nor student) - 3500 MXN
- \* Authors of workshops - 1500 MXN (taxes included)



## REGISTRATION AND CONTACT

Tel. (771) 71 72000 ext. 6734, 6738

<http://www.micai.org/2010/>

<http://www.uaeh.edu.mx/MICAI/>

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