

IEA-AIE 2010 CALL FOR PAPERS

The 23rd International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems
<http://www.iea-aie2010.org>
June 1-4, 2010 Córdoba (Spain)



Sponsors: International Society of Applied Intelligence (ISAI), University of Córdoba (Spain)

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Scope: IEA/AIE 2010 continues the tradition of emphasizing applications of applied intelligent systems to solve real-life problems in all areas including engineering, science, industry, automation & robotics, business & finance, medicine and biomedicine, bioinformatics, cyberspace, and human-machine interactions. IEA/AIE-2010 will include oral and poster presentations, invited speakers and special sessions.

Topics of interest

Adaptive Control

Autonomous Agents

Bioinformatics

Case-base Reasoning

Chance Discovery

Computer Vision

Constraint Satisfaction

Conversational Informatics

Data Mining

Decision Support Systems

Distributed Problem Solving

Expert Systems

Evolutionary Algorithms

Intelligent Systems

Knowledge Processing

Machine Learning

Metaheuristics

Model-based Reasoning

Natural Language Reasoning

Neural Networks

Reasoning under Uncertainty

Soft Computing

Spatial Reasoning

Speech Recognition System

Temporal Reasoning

Application to Design

Application to Manufacturing

Human-Robot Interaction

Integration Systems for Real Life

Applications

Intelligent Interfaces

Intelligent Systems in Education

Internet Applications

KBS Methodology

Knowledge Management

Multi-Agent Systems

Planning and Scheduling

Authors are invited to submit their papers in English of up to 10 single spaced pages, presenting the results of original research or innovative practical applications relevant to the conference. Practical experiences with state-of-the-art AI methodologies are also acceptable when they reflect lessons of unique value to the conference attendees. Shorter works, up to 6 pages, to be presented in 10 minutes, may be submitted as short papers representing work in progress or suggesting possible research directions. All paper submissions will be done electronically, as indicated in the instructions on the conference web site <http://www.iea-aie2010.org/>. Papers will be peer reviewed and final copies of papers for inclusion to the conference proceedings will be published in a bound volume by Springer-Verlag (format instructions available at <http://www.springer.de/comp/lncs/authors.html>) in their 'Lecture Notes in Artificial Intelligence' series. Referees will be asked to nominate papers for a Best Paper Award to be announced at the conference. All papers will be automatically considered for publication in an expanded form in selected international journals.

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IMPORTANT DATES

Invited session proposals **Sep. 30, 2009** Notification of acceptance **Jan 15, 2010**

Paper submission due **Nov. 15, 2009** Final camera ready form **Feb 15, 2010**