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IEA-AIE 2009 CALL FOR PAPERS

The Twenty Second International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems

(<http://web.nutn.edu.tw/IEA-AIE2009/>)

June 24-27, 2009 Tainan (Taiwan)



Sponsored by: International Society of Applied Intelligence (ISAI)

National University of Tainan, Taiwan

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Organized in cooperation with: Association for the Advancement of Artificial Intelligence (AAAI); Association for Computing Machinery (ACM/SIGART); Canadian Society for the Computational Studies of Intelligence (CSCSI/SCEIO); European Neural Network Society (ENNS); International Neural Network Society (INNS); Japanese Society for Artificial Intelligence (JSAI); Korea Fuzzy-Logics and Intelligent System Society (KFIS); Taiwanese Association for Artificial Intelligence (TAAI); Texas State University-San Marcos

Scope

IEA/AIE 2009 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 man-machine interactions. IEA/AIE-09 will include oral paper presentations, invited speakers and special sessions.

Topics of interest

Topics relevant for submissions to IEA/AIE'2009 include the following:

Active Mining

Adaptive Control

Application to Design

Applications to Manufacturing

Autonomous Agents

Bio-informatics

Case-based Reasoning

Chance Discovery

Computer Vision

Constraint Satisfaction

Conversational Informatics

Data Mining & KDS

Decision Support Systems

Distributed Problem Solving

Expert Systems

Fuzzy Logic

Genetic Algorithms

Genetic Programming

Heuristic Search

Human Robot Interaction

Integration Systems for Real Life

Applications

Intelligent Interfaces

Intelligent Systems

Intelligent Systems in Education

Internet Applications

KBS Methodology

Knowledge Management

Knowledge Processing

Machine Learning

Model-based Reasoning

Multi-Agent Systems

Natural Language Processing

Neural Networks

Planning and Scheduling

Reasoning under Uncertainty

Spatial Reasoning

Speech Recognition System

Temporal Reasoning

Authors are invited to electronically submit their paper, written 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://web.nutn.edu.tw/IEA-AIE2009/>. All 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 (the format is shown 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, but particularly those nominated for the Best Paper competition, will be automatically considered for publication in an expanded form in the selected international journals.

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Important Dates

Invited Session proposals

Sep. 30, 2008

Notification of acceptance

Feb. 1, 2009

Paper submission due

Nov. 8, 2008

Final camera ready form

Feb. 28, 2009



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Engineering & Other Applications of Applied Intelligent Systems
(IEA/AIE 2009) June 24-27, 2009 Tainan (Taiwan)**

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