IEA-AIE 2011 CALL FOR PAPERS

The Twenty Fourth International Conference on Industrial, Engineering & Other Applications of Applied Intelligent Systems
June 28 - July 1, 2011 Syracuse, New York, USA

Sponsor: International Society of Applied Intelligence (ISAI)
Organized in cooperation with: Association for the Advancement of Artificial Intelligence (AAAI); Association for Computing Machinery (ACM/SIGART, SIGKDD); Austrian Association for Artificial Intelligence (OeGAI); British Computer Society Specialist Group on Artificial Intelligence (BCS_SGAI); European Neural Network Society (ENNS); International Neural Network Society (INNS); Japanese Society for Artificial Intelligence (JSAI); Slovenian Artificial Intelligence Society (SLAIS); Spanish Society for Artificial Intelligence (AEPIA); Syracuse University; Swiss Group for Artificial Intelligence and Cognitive Science (SAIICO); Taiwanese Association for Artificial Intelligence (TAAI); Taiwanese Association for Consumer Electronics (TACE); Texas State University-San Marcos.

Scope: IEA/AIE 2011 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-11 will include oral paper presentations, invited speakers and special sessions.

Topics of interest

Topics relevant for submissions to IEA/AIE '2011 include the following:

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
Decision Support Systems
Distributed Problem Solving
Expert Systems
Evolutionary Algorithms
Financial Applications
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

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. All papers will be peer reviewed and final copies of papers for inclusion in the conference proceedings will be published in a bound volume by Springer-Verlag (the format is shown at http://www.springer.de/comp/lncs/)

Important dates

Invited session proposals
Paper submission due
Aug. 20, 2010
Nov. 12, 2010

Notification of acceptance
Final camera ready form
Feb. 1, 2011
Feb. 28, 2011