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June 18-20, 2008 Wrocław (Poland) – Wrocław University of Technology**Sponsored by:** International Society of Applied Intelligence and Institute of Information Science and Engineering, Wrocław University of Technology**Organized in cooperation with:** American Association for Artificial Intelligence (AAAI); Association for Computing Machinery (ACM/SIGART); Canadian Society for the Computational Studies of Intelligence (CSCSI/SCEIO); European Neural Network Society (ENNS); Human Interface Society (HIS); The Institute of Electronics, Information and Communication Engineers (IEICE); International Neural Network Society (INNS); Information Processing Society of Japan (IPSJ); Japanese Society for Artificial Intelligence (JSIAI); The Robotics Society of Japan (RSJ); Taiwanese Association for Artificial Intelligence (TAAI); Texas State University-San Marcos; European Coordinating Committee for Artificial Intelligence (ECCAI)**Topics of interest:**

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
 Distributed Problem Solving

Expert Systems
 Fuzzy Logic
 Genetic Algorithms
 Genetic Programming
 Heuristic Search
 Human Robot Interaction
 Integration Systems for Real Life Applies.
 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 www.iea-aie.pwr.wroc.pl. Paper submission is required by November 8, 2007. All papers must provide a key word list including one or more of the topics like those listed above.** ALL papers will be peer reviewed. Notification of the results of the review process will be made by **February 1, 2008**, and final copies of papers for inclusion to the conference proceedings will be due by **February 28, 2008**. The conference proceedings will be published in a bound volume by Springer-Verlag (the format is shown at <http://www.springer.de/comp/Incs/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 International Journal of Applied Intelligence.

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