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(Eds.)

Tools and Applications with Artificial Intelligence

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Preface

In recent years, the use of Artificial Intelligence (AI) techniques has been greatly increased. The term “intelligence” seems to be a “must” in a large number of European and International project calls. AI Techniques have been used in almost any domain. Application-oriented systems usually incorporate some kind of “intelligence” by using techniques stemming from intelligent search, knowledge representation, machine learning, knowledge discovery, intelligent agents, computational intelligence etc. The Workshop on "Applications with Artificial Intelligence" seeks for quality papers on computer applications that incorporate some kind of AI technique. The objective of the workshop was to bring together scientists, engineers and practitioners, who work on designing or developing applications that use intelligent techniques or work on intelligent techniques and apply them to application domains (like medicine, biology, education etc), to present and discuss their research works and exchange ideas. Results of project-based works were very welcome.

Topics of interest for the workshop as far as application domains were concerned included (but not limited to) the following:

- Biology
- Computer Networks
- Computer Security
- E-commerce
- Education
- Engineering
- Finance
- Health Care & Medicine
- Logistics
- Multimedia
- Psychology
- Power Systems
- Sociology
- Web Applications

Topics of interest as far as intelligent techniques were concerned included (but are not limited to) the following:

- Evolutionary Algorithms
- Fuzzy Logic
- Hybrid Techniques

- Heuristic Search
- Intelligent Agents
- Knowledge-Based Systems
- Knowledge Representation
- Knowledge Discovery
- Machine Learning
- Neural Networks
- Planning
- Semantic Web Techniques

We would like to express our appreciation to all authors of submitted papers, to the members of the program committee and all the people that have worked for this event.

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Organization

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