

Special Session1: Innovative Applications of Artificial Intelligence (I2AI)

Session Co-Chairs:

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Session Abstract:

The Innovative Applications of Artificial Intelligence (I2AI) will focus on basic concepts, methodologies, and successful applications of AI technology. The conference will use technical papers, challenge papers, invited talks, and panel discussions to explore issues, methods, and lessons learned in the development and deployment of AI applications; and to promote an interchange of ideas between basic and applied AI.

This special session will bring all intelligent issues from a diverse group of people working on real world systems for commercial, industrial and academic applications. People from different background will share idea and experience by presenting the study and results leading to intelligent innovation, knowledge and applications. The committee from many different countries will be part of the selection process to bring the best speakers together in this session.

Topics: for the session include, but are not limited to:

- Applied mathematics and engineering research in AI
- Artificial Intelligence tools and applications
- Automated reasoning and automation
- Computer vision and Image processing
- Concept and data mining
- Control theory for intelligent evolution
- Data analytic and machine learning
- Deep learning
- Diagnosis with artificial intelligence
- Game artificial intelligence and computer game bot
- Game theory and strategic planning
- Geospatial artificial intelligence
- Image recognition and image classification
- IoT application and services
- IoT Mobility, localization, tracking and security
- Knowledge management
- Mobile intelligence applications
- Natural language processing, translation and chatterbots
- Pervasive computing and ambient intelligence
- Semantic web techniques and technologies
- Sensor integration, fusion, and perception
- Soft computing theory and applications
- The role of artificial intelligence in software engineering
- Virtual reality applications
- Web intelligence applications and search