

## About Conference

The 18th International Conference on Intelligent Systems and Knowledge Engineering (ISKE 2023) will be held in Fuzhou, China during November 17-19, 2023. ISKE 2023 is the 18th in a series following the successful previous ISKE Conferences since 2006. ISKE 2023 is organized by Fujian Normal University, China.

This conference aims to provide a platform for technical and scientific professionals from academia, research and industries in the fields of intelligent systems and knowledge engineering to exchange knowledge and distribute the emerging state-of-the-art technologies.

**NEWS: ISKE 2023 has been listed in IEEE official conference.**

[https://conferences.ieee.org/conferences\\_events/conferences/conferencedetails/60036](https://conferences.ieee.org/conferences_events/conferences/conferencedetails/60036)

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## Keynote speakers



**Dongrui Wu (IEEE Fellow)**

Editor-in-Chief of IEEE Transactions on Fuzzy Systems

Huazhong University of Science and Technology, Wuhan, China



**Nian Zhang**

University of the District of Columbia (UDC), USA

## Call for Papers

The topics of interest include, but are not limited to:

### Artificial Intelligent Methodology and System

- ◆ Artificial Intelligence Theories
- ◆ Machine Learning
- ◆ Soft Computing and Fuzzy Systems
- ◆ Probabilistic Reasoning
- ◆ Genetic and Swarm Computing
- ◆ Speech Recognition
- ◆ Logic, Reasoning & Problem Solving
- ◆ Image/Video Processing, Computer Vision
- ◆ Brain-Computer Interface
- ◆ Intelligent System Models
- ◆ Multi-Agent Systems
- ◆ Case-Based Reasoning, Neural Networks
- ◆ Search, Optimization and Planning
- ◆ Pattern Recognition
- ◆ Computer Vision
- ◆ Biological Inspired Computation
- ◆ Computational Intelligence
- ◆ Computational Neuroscience
- ◆ Non-classical Logic and Computation
- ◆ Automated Reasoning
- ◆ Formal Verification

### Knowledge Engineering and Management

- ◆ Knowledge Representation and Modeling
- ◆ Knowledge Elicitation
- ◆ Expert Systems or Decision Support Systems
- ◆ Workflow Management Systems
- ◆ Ontology Engineering
- ◆ Natural Language Processing
- ◆ Textual Entailment
- ◆ Document Preparation and Text Processing
- ◆ Information Storage, Annotation and Retrieval
- ◆ Data Simulation, Modeling, and Visualization
- ◆ Knowledge Maintenance
- ◆ Knowledge-Based Systems
- ◆ Business Process Reengineering
- ◆ Data Mining and Knowledge Discovery
- ◆ Information and Knowledge Integration
- ◆ Question Answering Systems
- ◆ Language Translation and Linguistics
- ◆ Unstructured and Semi-Structured Data Retrieval
- ◆ Text Mining, Classification and Summarization
- ◆ Content Management and Knowledge
- ◆ Management Systems

### Practical Applications of AI and Knowledge Engineering

- ◆ Social Computing, Service Computing and Mobile Computing
- ◆ Intelligent Multimedia
- ◆ Intelligent Engineering Systems
- ◆ Knowledge Engineering in E-commerce, in Art and in Education
- ◆ Intelligent Healthcare Systems
- ◆ Intelligent Bioinformatics Systems
- ◆ Adaptive and Intelligent Control Systems, Perceptron and Navigation
- ◆ User Interfaces and Human Computer Interaction
- ◆ Intelligent Game
- ◆ Business Intelligence
- ◆ Intelligent Systems in Engineering and Science
- ◆ E-learning and Intelligent Tutoring Systems
- ◆ Knowledge based Software Engineering
- ◆ Intelligent issues in GIS, Networks or in Internet of Things
- ◆ Social Issues of Knowledge Engineering

## Call for Special Sessions

Researchers interested in organizing special sessions are kindly invited to submit formal proposals to ISKE 2023.

The session chairs are responsible for the review process of the papers submitted to the sessions via the EasyChair. These papers will be peer-reviewed by at least two reviewers. The accepted papers and review reports must be submitted to the conference committee.

A special session proposal should include:

- ◆ Session title
- ◆ Brief description of the scope and motivation
- ◆ Names
- ◆ Contact information
- ◆ Brief biographical information of the organizers

## Important Dates

- August 31, 2023  
Full Paper Submission Deadline
- June 20, 2023  
Special Session Acceptance Notification Deadline
- September 30, 2023  
Acceptance Notification Deadline
- October 30, 2023  
Camera-Ready Paper Submission Deadline
- May 20, 2023  
Special Session Submission Deadline
- November 17-19, 2023  
Conference Dates

## Submission Link

Each paper should have no more than 8 pages, including references and illustrations, written in IEEE conference proceedings format. Papers must be written in English and submitted electronically as a PDF file at:

<https://easychair.org/conferences/?conf=iske2023>

## Publication

The accepted papers passed through the peer-reviewed process after proper registration and presentation will be published into conference proceedings by IEEE, which will be included into IEEE Xplore and indexed by EI compendex and Scopus.

## Organized by



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