

The 17th International Conference on Intelligent Systems and Knowledge Engineering



Joint with FLINS2022 (August 26-28, 2022, Tianjin, China)

Call for Papers

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The 2022 International Conference on Intelligent Systems and Knowledge Engineering (ISKE2022) is the 17th in a series of ISKE conferences. ISKE2022 follows the successful ISKE2006 in Shanghai (China), ISKE2007 in Chengdu (China), ISKE2008 in Xiamen (China), ISKE2009 in Hasselt (Belgium), ISKE2010 in Hangzhou (China), ISKE2011 in Shanghai (China), ISKE2012 in Beijing (China), ISKE2013 in Shenzhen (China), ISKE2014 in Joao Pessoa (Brazil), ISKE2015 in Taipei (China), ISKE2016 in Roubaix (France), ISKE2017 in Nanjing (China), ISKE2018 in Belfast (UK), ISKE2019 in Dalian (China), ISKE2020 in Cologne (Germany), ISKE2021 in Chengdu (China), and will be held on Aug. 26-28, 2022 in Tianjin (China) as a joint conference with the 15th International FLINS Conference on Machine Learning, Multi-agent and Cyber Physical Systems. This conference is organized by Nankai University, co-organized by Southwest Jiaotong University, University of Technology Sydney, and Ecole Nationale Supérieure des Arts et Industries Textiles, and technically sponsored by National Association of Non-Classical Logic and Computation, Chinese Society of Logic. ISKE 2022 emphasizes current practice, experience and promising new ideas in a broad area of intelligent systems and knowledge engineering. ISKE2022 accepts submissions that have not been published or submitted in any form elsewhere. Besides technical/research papers, submissions reporting on industrial case studies are also welcome.

Accepted papers will be published with FLINS2022 as a book by World Scientific indexed by EI&ISI as well as Scopus. Some selected papers are encouraged to revise for submitting to well-known international journals (SCI indexed).

The topics include, but not limited to:

Foundations of Intelligent Systems:

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

Knowledge Engineering and Management:

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

Practical Applications and Systems:

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

Important Dates

- Full paper submission: ~~April 30~~, **May 15, 2022**
- Notification of acceptance: ~~May 31~~, **June 15, 2022**
- Camera-ready paper submission: ~~June 15~~, **July 15, 2022**
- Author registration: ~~June 25~~, **July 25, 2022**

Paper Submission

Papers reporting original research results and experience are solicited. Each paper, written in English, should be between 6-8 pages, including references and illustrations. See the templates available at [Templates](#). Submission of a paper should be regarded as an undertaking that, if the paper is accepted, at least one of the authors must attend the conference to present the paper. Papers must be submitted through the online submission system [EasyChair](#). (Please go to FLINS2022 paper submission website: <https://easychair.org/conferences/?conf=flinsiske2022> and then select Category: Intelligent Systems and Knowledge Engineering).

Organized by Nankai University, China

Co-organized by Southwest Jiaotong University, University of Technology Sydney and Ecole Nationale Supérieure des Arts et Industries Textiles

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