

# FUZZ-IEEE 2023

2023 IEEE International Conference on Fuzzy Systems

Songdo Incheon, Korea | August 13-17, 2023



## CALL FOR PAPERS

### IMPORTANT DATES

**October 31, 2022**

Proposal of Tutorials/special sessions

**November 15, 2022**

Tutorials/special sessions notification

**February 15, 2023**

Paper Submission

**April 15, 2023**

Notification of Acceptance

**June 1, 2023**

Camera-ready Paper Submission

**July 1, 2023**

Early Registration

**August 13, 2023**

Tutorials

**August 13-17, 2023**

FUZZ-IEEE 2023 Conference

The Annual IEEE International Conference on Fuzzy Systems, well known as FUZZ-IEEE, is one of the premier international conferences in the field of fuzzy sets and systems. **FUZZ-IEEE 2023** will be held in the Songdo International City which is a Free Economic Zone located approximately 15 minutes away by car from the Incheon International Airport and an hour from Seoul, making it a pleasant and convenient venue for business as well as for touring the Seoul metropolitan area. It is rising as one of the hottest places in Korea in terms of tourism, culture, leisure, MICE (Meeting, Incentive trip, Convention, Exhibition & Event), and shopping. This complex cultural space provides sharing of happiness to all visitors.

**FUZZ-IEEE 2023** will represent a unique meeting point for scientists and engineers, both from academia and industry, to interact and discuss the latest enhancements and innovations in the field. The topics of the conference will cover all the aspects of theory and applications of fuzzy logic and its hybridizations with other artificial and computational intelligence techniques. In particular, **FUZZ-IEEE 2023** topics include, but are not limited to:

- » Adaptive, hierarchical, evolutionary, neural and nature-inspired systems
- » Hybrid systems of computational intelligence techniques
- » Fuzzy systems and internet applications
- » Kansei, human-machine interface, brain-machine interface
- » Fuzzy image, speech and signal processing, vision and multimedia
- » Industrial, financial, and medical applications
- » Fuzzy control and robotics, sensors, fuzzy hardware, fuzzy architectures
- » Fuzzy optimization and design, decision analysis and support
- » Fuzzy systems design, modeling, identification, fault detection
- » Fuzzy data analysis - clustering and classifiers, pattern recognition, bio-informatics
- » Fuzzy information processing - information extraction and retrieval, fusion, text mining
- » Knowledge discovery, learning, reasoning, agents, knowledge representation
- » Type 2 fuzzy sets, computing with words, granular computing, rough sets, fuzzy human computer interaction
- » Fuzzy set theory, fuzzy measures, fuzzy integrals
- » Rough sets, grey systems
- » Optimization, decision analysis, decision making, multi-criteria decision making
- » Software and hardware applications

In addition to regular presentations, the conference will include a full program of tutorials and panel sessions together with plenary talks from several well known leaders in the field. Submissions for regular presentations are invited from researchers, practitioners, and students worldwide. Proposals for Special Sessions are highly welcomed. Each proposal should give a description of the session topic and the names of the contributors plus their paper titles. Papers submitted to special sessions will go through the normal reviewing process. Proposals for Tutorials are also highly welcomed. An outline for each tutorial should be submitted and any pre-requisites for the intended audience.

Further details of the submission process will be posted on the conference website in the near future.

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