

# 2019 IEEE International Conference on Fuzzy Systems

## FUZZ-IEEE 2019

### June 23-26, 2019

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The 2019 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2019), the world-leading event focusing on the theory and application of fuzzy logic, will be held in New Orleans, Louisiana, USA. Nicknamed the "Big Easy," New Orleans is known for its round-the-clock nightlife, vibrant live-music scene, and spicy Cajun cuisine. It is located on the Mississippi River, near the Gulf of Mexico, and is popular tourist destination for all ages.

FUZZ-IEEE 2019 will be hosted at the JW Marriott, a premier conference venue nestled in the heart of the world-famous French Quarter. You will be steps away from some of New Orleans's most iconic nightlife and restaurants. Take a walk outside and visit Jackson Square, shop at the lively French Market, or dance your way through Bourbon Street.

FUZZ-IEEE 2019 will represent a unique meeting point for scientists and engineers, from academia and industry, to interact and discuss the latest enhancements and innovations in the field. The topics of the conference will cover all aspects of theory and applications of fuzzy logic and its hybridisations with other artificial and computational intelligence methods. In particular, FUZZ-IEEE 2019 topics include, but are not limited to:

*Mathematical and theoretical foundations of fuzzy sets, fuzzy measures, and fuzzy integrals*  
*Fuzzy control, robotics, sensors, fuzzy hardware and architectures*  
*Fuzzy data analysis, fuzzy clustering, classification and pattern recognition*  
*Type-2 fuzzy sets, computing with words, and granular computing*  
*Fuzzy systems with big data and cloud computing, fuzzy analytics, and visualization*  
*Fuzzy systems design and optimization*  
*Fuzzy decision analysis, multi-criteria decision making and decision support*  
*Fuzzy logical and its applications to industrial engineering*  
*Fuzzy modeling, identification, and fault detection*  
*Fuzzy information processing, information extraction, and fusion*  
*Fuzzy web engineering, information retrieval, text mining, and social network analysis*  
*Fuzzy image, speech and signal processing, vision, and multimedia data analysis*  
*Fuzzy databases and informational retrieval*  
*Rough sets, imprecise probabilities, possibilities approaches*  
*Industrial, financial, and medical applications*  
*Fuzzy logic application in civil engineering and GIS*  
*Fuzzy sets and soft computing in social sciences*  
*Linguistic summarization, natural language processing*  
*Computational intelligence in security*  
*Hardware and software for fuzzy systems and logic*  
*Fuzzy Markup Language and standard technologies for fuzzy systems*  
*Adaptive, hierarchical, and hybrid neuro- and evolutionary-fuzzy systems*

The conference will include regular oral and poster presentations, an elevator pitch competition, tutorials, panels, special sessions, and keynote presentations. Full details of the submission process for papers, tutorials, and panels will be made available on the conference website: <http://www.fuzzieee.org>

#### Important dates

Deadline for special session, tutorial, competition, and panel session proposals: October 8, 2018

Notification of acceptance for tutorials, special sessions, and panels: November 2, 2018

Deadline for full paper submission: January 11, 2019

Notification of paper acceptance: March 4, 2019

Deadline for camera-ready paper submission: April 1, 2019

Deadline for early registration: April 5, 2019

Conference: June 23-26, 2019

<http://www.fuzzieee.org>

