



The 2017 IEEE International Conference on Fuzzy Systems

FUZZ-IEEE 2017

July 9-12, 2017, Naples, ITALY



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The 2017 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2017), a top-leading event in the area of theory and application of fuzzy logic, will be held in Naples, Italy. Naples is the third largest municipality in Italy. The city is located in the south of Italy. It is nestled between the islands of Capri, Ischia and Procida on one side, and the coast of Amalfi and Sorrento on the other, forming a unique natural heritage in the world. The history of Naples is characterised by a plethora of different dominations that have left inestimable pieces of art and signs of different cultures making the whole urban area a **UNESCO World Heritage Site**.

FUZZ-IEEE 2017 will be hosted at **Royal-Continental Hotel**, a fantastic and welcoming conference venue situated at one of the most beautiful places on the planet, Naples's waterfront.

FUZZ-IEEE 2017 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 hybridisations with other artificial and computational intelligence techniques. In particular, FUZZ-IEEE 2017 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 logic and its applications in Industrial Engineering
Fuzzy modelling, identification and fault detection
Fuzzy information processing, information extraction and fusion
Fuzzy web engineering, information retrieval, text mining and social network analysis
Knowledge discovery, learning, reasoning and knowledge representation
Fuzzy image, speech and signal processing, vision and multimedia data
Fuzzy databases and information retrieval
Rough sets, imprecise probabilities, possibilities approaches
Industrial, financial, and medical applications
Fuzzy logic application in civil engineering, geographical information systems
Fuzzy sets and soft computing in social sciences
Linguistic summarization, natural language processing
Computational Intelligence in security systems
Hardware/Software for fuzzy systems
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, 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.

Important dates

Deadline for special session, tutorial, competition, and panel session proposals, **October 25, 2016**

Notification of acceptance tutorials, special sessions and panels, **November 25, 2016**

Deadline for paper submission, **January 25, 2017**

Notification of acceptance for papers, **March 10, 2017**

Deadline for camera-ready paper submission, **April 8, 2017**

Deadline for early registration, **April 10, 2017**

Conference, **July 9-12, 2017**

www.fuzzieee2017.org

