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Istanbul **FUZZ-IEEE 2015**

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on Fuzzy Systems

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2015 IEEE International Conference on Fuzzy Systems

August 2-5, 2015, Istanbul, TURKEY

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Venue:

The 2015 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2015), one of the leading international conferences in the field of fuzzy sets and systems, will be held in Istanbul, Turkey. Istanbul is the largest city of Turkey and the third largest city in the world. The city is located on the Bosphorus Strait and encompasses the natural harbor known as the Golden Horn. It extends both on the European (Thrace) and on the Asian (Anatolia) side of the Bosphorus, and is thereby the only metropolis in the world which is situated on two continents.

Scope:

The conference will provide a platform for researchers and practitioners to interact with one another and discuss the state-of-the-art developments in the field. The topics of the conference will cover all aspects of research and applications in fuzzy systems and soft computing, including but not limited to:

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 control, robotics, sensors, fuzzy hardware and architectures
Fuzzy systems design and optimization
Fuzzy decision analysis, multi-criteria decision making and decision support
Fuzzy logic and its applications in 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
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
Soft computing in security systems
Software and hardware applications
Adaptive, hierarchical, evolutionary, neural and hybrid nature-inspired systems
Mathematical foundations of fuzzy sets, fuzzy measures and fuzzy integrals

In addition to regular oral and poster presentations, the conference will include a full program of tutorials, workshops, panels, special sessions and keynote presentations. Full details of the submission process will be made available on the conference website. Conference proceedings will be included in IEEE Xplore Digital Library. Authors whose papers win the best paper awards of FUZZ-IEEE 2015 will be invited to submit the enhanced/extended versions of conference papers to IEEE TFS (IEEE Transactions on Fuzzy Systems). Extended versions of selected papers will also be considered for possible publication in the special issues of several high impact journals.

Important Dates:

Special session, tutorial and panel session proposals, **November 15, 2014**
Notification of acceptance tutorials, special sessions and panels, **December 15, 2014**
Paper submission, **February 8, 2015**
Notification of acceptance for papers, **March 23, 2015**
Camera-ready paper submission, **April 21, 2015**
Early registration deadline, **April 23, 2015**
Conference, **August 2-5, 2015**

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