



IFSA-SCIS 2017
June 27-30, 2017
Otsu, JAPAN

Joint 17th World Congress of International Fuzzy Systems Association and 9th International Conference on Soft Computing and Intelligent Systems
June 27-30, 2017 | Otsu, Shiga, JAPAN
<http://ifsa-scis2017.j-soft.org>



Call for Papers

IFSA-SCIS 2017 is organized every two years with the focus of bringing together scientists working on Fuzzy Sets and Soft Computing methods. It also provides a forum for the exchange of ideas between participants all over the world. 2017 edition of IFSA-SCIS 2017 will take place in Otsu, Japan on 27th-30th June 2017. The scope of this conference covers all aspects of theory and applications in fuzzy systems and soft computing.

Fuzzy sets:

- *Fuzzy sets and fuzzy logic*
- *Mathematical foundations of fuzzy sets and fuzzy logic*
- *Fuzzy systems design and optimization*
- *Fuzzy control and robotics*
- *Fuzzy information processing*
- *Fuzzy hardware and architectures*
- *Fuzzy pattern recognition and classification*
- *Fuzzy clustering and rule mining*
- *Fuzzy databases*
- *Fuzzy decision making*
- *Fuzzy preference modelling*
- *Type-2, Interval-valued, intuitionistic, and hesitant fuzzy sets*
- *Rough sets, imprecise probabilities, possibilities theory*

Real-world applications of fuzzy sets and soft computing methods:

- *Agriculture and geographical information systems*
- *Artificial societies*
- *Big data and cloud computing*
- *Bioinformatics*
- *Biometrics*
- *Brain science*
- *Chemicals and food industry*
- *Cognitive science*
- *Data mining*
- *Decision making and risk management*
- *Distributed systems*
- *Education and training*
- *Environment engineering*
- *Fault detection and diagnosis*
- *Financial applications*
- *Human-computer interaction and interface*
- *Image, speech and signal processing*
- *Industrial applications*
- *Information retrieval and recommendation systems*
- *Intelligent control*
- *Intelligent systems*
- *Linguistics*
- *Manufacturing systems*
- *Medical applications*
- *Operations research and manufacturing*
- *Robotics and control systems*
- *Text mining and social network analysis*
- *Transportation*
- *Security*
- *Social sciences*
- *Software and hardware applications*
- *Virtual reality*
- *Vision and sensors*
- *Web intelligence and interaction*

Soft computing methods:

- *Ambient intelligence*
- *Bayesian networks*
- *Bio-inspired optimization*
- *Computational intelligence*
- *Cyber computing*
- *Evolutionary computation*
- *Granular computing*
- *Graphical models*
- *Information fusion*
- *Machine learning*
- *Multi-agent systems*
- *Multivariate analysis*
- *Neural networks*
- *Optimization*
- *Probabilistic reasoning*
- *Semantic web*

Important dates:

- Special Session Proposals: October 15, 2016**
- Acceptance of Special Sessions : November 15, 2016**
- Paper submission : January 15, 2017 (23:59 GMT)**
- Notification of Acceptance : March 31, 2017**
- Camera ready Submission : April 30, 2017**
- Early registration : April 30, 2017**

For any questions, ifsa.scis2017+ask@gmail.com