

INFUS Conferences

INFUS is an acronym for Intelligent and Fuzzy Systems. It is an international research forum to advance the foundations and applications of intelligent and fuzzy systems, computational intelligence, and soft computing for applied research in general and for complex engineering and decision support systems. The principal mission of INFUS is bridging the gap between fuzzy & intelligence systems and real complex systems via joint research between universities and international research institutions, encouraging interdisciplinary research and bringing multidiscipline researchers together. The conferences will be held in Istanbul, "the only bridge in the world that connects two continents, Asia and Europe



INTERNATIONAL CONFERENCE ON INTELLIGENT AND FUZZY SYSTEMS JULY 23-25, 2019, ISTANBUL TURKEY

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Keynote Speakers

Prof. Janusz Kacprzyk **Prof. Vicenç Torra**
Prof. Oscar Castillo

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Important Dates

- Special session proposals deadline: **Dec. 15, 2018**
- Abstract submission deadline: **Dec. 30, 2018**
- Full paper submission deadline: **Feb. 21, 2019**
- Notification of acceptance: **Mar. 15, 2019**
- Camera-ready paper submission: **Mar. 25, 2019**
- Authors registration: **Mar. 25, 2019**
- Conference: **July 23-25, 2019**

Theme: Intelligent and Fuzzy Techniques in Big Data Analytics and Decision Making

Big data analytics refers to the strategy of analyzing large volumes of data, or big data. Big data are gathered from a wide variety of sources, including social networks, videos, digital images, sensors, and sales transaction records. The aim in analyzing all these data is to uncover patterns and connections that might otherwise be invisible, and that might provide valuable insights about the users who created it. Big data analytics allows data scientists and various other users to evaluate large volumes of transaction data and other data sources that traditional business systems would be unable to tackle. Data-driven and knowledge driven approaches and techniques have been widely used in decision making, and they are increasingly attracting great attention due to their importance and effectiveness in addressing uncertainty and incompleteness. The information explosion via the spread of digital technologies impacts the ways we can study and understand the dynamics of socio-economic political systems by increasing the variety, availability, and complexity of the data available to both qualitative and quantitative research scientists.

INFUS 2019 on intelligence and fuzzy systems with applications provides an international forum that brings together those actively involved in areas of interest to Data Science and Knowledge Engineering with their applications in decision making problems under uncertainty and incompleteness to support sensible decision making in different areas.

The conference will feature plenary talks given by world renowned scholars, regular sessions with broad coverage, and special sessions focusing on popular topics. INFUS 2019 invites submissions related to all aspects of intelligent and fuzzy systems, specially within the research fields, which can be theoretical formalisms, methodologies; algorithms investigation, survey or practical applications.



Publications

Proceedings

All accepted papers will be Double Peer Blind Reviewed and will be published in the INFUS 2019 proceedings by Springer.

Publication Opportunity in Conference Associated Journals

- Journal of Multiple-Valued Logic and Soft Computing (SCI-E)
- Journal of Intelligent and Fuzzy Systems (SCI-E)
- Recent Patents on Engineering (Scopus, EI/Compendex, EBSCO)
- International Journal of Risk Analysis and Crisis Response

Special Sessions are organized

Researchers are invited to submit a one-page proposal for a special session to the conference address [infus@itu.edu.tr]. A special discount in registration fee will also be applied to special session organizers.

Social Events

A social program will be organized including top sights in Istanbul.

