Call for papers

Journal of Intelligent and Fuzzy Systems special issue on

Similarity, Correlation and Association Measures

In honor of Professor Lotfi A. Zadeh

The extensive study of similarity, correlation and, generally, association measures is started at least from the beginning of 20th century. Initially, these measures have been used as measures of relationship between the sets of observations or measurements of variables, attributes or attitudes in numerous applications. Later, these measures have been studied on different domains such as the sets of images, time series, sequences, fuzzy sets etc. and used in advanced methods of data analysis, clustering, classification, machine learning, data mining, decision making, bioinformatics, time series analysis, signal and image processing. The study of similarity between fuzzy sets, fuzzy similarity relations, their transitivity and application in hierarchical clustering has been initiated or inspired by the works of Lotfi Zadeh.

This Special Issue invites the original papers with surveys of similarity, correlation, association, interestingness, agreement, dependence measures on different domains. The papers with new original measures and applications are also invited. The topics of Special Issue include, but are not limited to, the following areas of research and possible application of similarity, correlation and association measures:

- Classification and clustering
- Data mining
- Feature extraction and data transformation
- Kernel methods in machine learning
- Fuzzy sets and systems
- Fuzzy similarity relations
- Time series analysis and financial time series
- Image and signal processing
- Computational linguistics and text processing
- Recommender systems
- Sentiment analysis and social network analysis
- Social and behavioral sciences, medicine, biology and ecology
- Bioinformatics

The papers on statistical inference will be not considered in this Special Issue.

Important dates:

Paper submission deadline:	February 20, 2018
Notification of acceptance:	April 20, 2018
Submission of revised papers:	June 1, 2018
Final decision:	July 1, 2018

Paper submission

Please use the journal paper submission page:

http://www.jifs.prosemanager.com/submitpaper.asp

Please put the words "SI: SCA Measures – " at the start of the title of the paper to be assigned to this Special Issue.

Journal style templates are available at:
http://www.iospress.nl/wp-content/uploads/2015/05/JIFS-Submission-Templates-LaTeX.zip
http://www.iospress.nl/wp-content/uploads/2015/05/JIFS-Submission-Templates-MsWord.zip
An author can choose to use either the LaTeX (preferred) or the MS Word template.

Papers page limits: 12 pages for regular papers and up to 20 pages for surveys.

<u>**For the authors of this Special Issue the journal will waive the publication fee.**</u>

Guest Editors:
Ildar Batyrshin, Centro de Investigación en Computación, Instituto Politecnico Nacional, México
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