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SMPS 2022

10th International Conference on Soft Methods in Probability and Statistics (SMPS'2022)

September 14-16, 2022, Valladolid, Spain

Conference website: <http://smps2022.uva.es/>

The SMPS conference is a biennial event joining experts representing existing approaches used in soft probability and statistics. In particular, we would welcome papers combining probability and statistics with fuzzy logic/possibility theory, applications of generalized theories of uncertainty and information, generalized random elements, genetic algorithms, neural networks, generalized probabilities and so on, as well as dealing with the analysis of functional, imperfect, incomplete, imprecise, and other type of data.

SMPS 2022 *invites submissions* of papers dealing with a variety of topics in soft methods in probability and statistics, which include, but are not limited to the methodology and applications related to:

- Analysis of Censored Data
- Analysis of Interval-Valued Data
- Analysis of Symbolic Data
- Clustering and Classification
- Copulas
- Deep Learning
- Dempster-Shafer Theory
- Functional Data Analysis
- Fuzzy Data Analysis
- Fuzzy Regression Methods
- Graphical Models
- Heuristic Optimization
- Imprecise Probabilities
- Machine Learning
- Neural Networks in Data Analysis
- Random Sets
- Random Fuzzy Sets
- Robust Methods

Keynote speakers

- Christophe Croux, EDHEC Business School, France
- Francisco Herrera, Universidad de Granada, Spain
- Frank Klawonn, Helmholtz Centre for Infection Research, Germany

Important dates:

- April 8: Paper submission deadline
- April 30: Author notification
- May 15: Camera-ready copy due
- May 25: Early registration deadline

Proceedings: As for the preceding SMPS conferences, the accepted peer reviewed papers of the SMPS 2022 conferences will appear as a volume published by Springer.

IJAR Special issue: Authors of selected papers from the SMPS 2022 conference will be invited to submit extended versions of their papers for possible inclusion in a special issue of the *International Journal of Approximate Reasoning*.

IJAR best paper award: Elsevier will sponsor an IJAR best paper award at SMPS 2022, with a prize of 1000€.

The organizers would be grateful if you could inform potentially interested participants of this conference, so kindly help to distribute this CFP to your mailing lists.