International Symposium on Fuzzy Sets (ISFS)

organized by

Polish Society for Fuzzy Sets (POLFUZZ) & University of Rzeszów

in cooperation with Slovak University of Technology (STU) in Bratislava

May 19 - 21, 2023

University of Rzeszów, Pigonia 1, Rzeszów, Poland

https://www.isfspolfuzz.ur.edu.pl

Aims and Scope:

The conference ISFS will provide an excellent international forum for sharing knowledge and results in theory, methodology, and applications of fuzzy sets and systems.

Formation of a platform for discussion of critical research environments and disciplines. Indication of the need for changes in the cooperation of the scientific community and with business partners.

Research presentations are of interest in the following topics:

- Theoretical foundations of fuzzy logic and fuzzy set theory;
- Imprecise information modeling with fuzzy, rough, and other methods;
- Federated learning;
- Image processing and computer vision;
- Information retrieval;
- Knowledge representation and engineering;
- Decision-making models;
- Expert systems;
- Intelligent data analysis and data mining;
- Approximate reasoning.

Potential areas of application, among others, include:

- Medical and Healthcare systems;
- Business Process Modeling;
- Social and economic models.

Plenary speakers:

- **Susana Montes**, University of Oviedo, Spain & President of EUSFLAT
- **Janusz Kacprzyk**, Systems Research Institute Polish Academy of Sciences
- **Radko Mesiar**, Slovak University of Technology Bratislava, Slovakia
- **Józef Drewniak**, University of Rzeszów, Poland

Important dates:

Conference	May 19-21, 2023
Registration & Abstract submission	March 15, 2023
Abstract notification	March 31, 2023
Conference fee	April 15, 2023

Submission guidelines:

All submitted papers will be peer-reviewed.

Papers can be submitted in either 1-2 page(s) abstract.

Papers must show the scientific results, be original, and may not be published elsewhere.

After the Conference, accepted papers/abstracts will be published in the post-conference edition by the University of Rzeszów Publishing with ISBN.

The best papers and abstracts will be invited and recommended to extend their contributions to internationally recognized journals.

ISFS is a cyclic scientific meeting supported by the Polish Society for Fuzzy Sets, and by the following scientific organizations:

- **EUSFLAT - EUROPEAN SOCIETY FOR FUZZY LOGIC AND TECHNOLOGY**
- **PTM - Polish Mathematical Society**
- **PTKM - Polish Society of Women in Mathematics**