



8th International Summer School on Aggregation Operators

Katowice (Poland), July 7–10, 2015

Institute of Mathematics, Faculty of Mathematics, Physics and Chemistry, University of Silesia

Conference topics include (but are not restricted to):

Theoretical aspects:

- Properties of aggregation functions
- New forms of aggregation functions
- Copulas and triangular norms
- Fuzzy measures and integrals
- Averaging aggregation operators
- Aggregations on ordinal and nominal scales
- Aggregation functions for extensions of fuzzy sets
- Implication operators

Practical aspects:

- Security intelligence, analysis and decision support
- Evaluation problems
- Medical decision problems
- Hybrid intelligent systems and computational intelligence
- Approximate reasoning
- Image processing
- Model identification and parametrization
- Diagnostics and prognostics
- Data mining
- Fusion functions.

Conference Chairs:

- Michal Baczynski
- Bernard De Baets
- Radko Mesiar

Invited tutorial speakers:

- Prof. Bernard De Baets (Ghent University)
- Prof. Jean-Luc Marichal (University of Luxembourg)
- Prof. Radko Mesiar (Slovak University of Technology)

Invited plenary speakers:

- Prof. József Dombi (University of Szeged)
- Prof. Balasubramaniam Jayaram
(Indian Institute of Technology Hyderabad)
- Prof. Maciej Sablik (University of Silesia)

