

## Special Session on Scalability of Rough Set Methods

The theory of rough sets has been developed in the eighties of the twentieth century by Prof. Z. Pawlak. Rough sets are used as a tool for data analysis and classification as well as for the extraction of important characteristics that describe the objects. Rough sets allow us to deal with uncertain and incomplete data, and due to its versatility, are widely used in various areas of life, including medicine, pharmacology, banking, etc. The aim of the session is the presentation of rough set methods more scalable than standard ones.

The topics of interest include, but are not limited to:

- FPGA realization of rough set methods.
- Rough set methods based on data decomposition.
- Rough set based methods for knowledge acquisition using MapReduce.
- Scalable algorithmic methods for rough sets.

### Organizers

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