CALL FOR PAPERS

The 2015 International Joint Conference on Rough Sets (IJCRS2015)

http://cgac.chungbuk.ac.kr/IJCRS2015

Jeju Island, Korea

October 20th – 23th, 2015

The 2015 International Joint Conference on Rough Sets (IJCRS 2015) will be held from 20 October to 23 October, 2015 in Jeju Island, Korea. IJCRS 2015 is the joint conference in a series of international conferences on Rough Sets and Applications, Specially, a joint conference of the 10th International Conference on Rough Sets and Knowledge Technology (RSKT 2015), the 16th International Conference on Rough Sets, Fuzzy Sets, Data Mining and Granular Computing (RSFDGrC 2015) and the 1st International Conference on Big Data, Applications and Services (BigDAS 2015). The aim of IJCRS is to present the innovative results, encourage academic and industrial interaction, and promote collaborative research in rough sets technology worldwide. In keeping with the aims of the past conferences, IJCRS 2015 will provide opportunity to explore synergies between rough sets and state-of-the-art knowledge technologies, in terms of both foundations and applications.

The topics relevant to IJCRS 2015 include, but are not limited to:

- Foundations and Generalizations of Rough Sets
- Bayesian Rough Sets
- Calculi of Approximation Spaces Covering-based Rough Sets
- Decision-theoretic Rough Sets Dominance-based Rough Sets
- Game-theoretic Rough Sets
- Near Sets, Neighborhood Rough Sets
- Probabilistic Rough Sets
- Rough Sets in (Dynamic) Networks of Information Systems
- Rough Granular Computing
- Rough Mereology
- Rough Uncertainty

Rough Sets in Data and Knowledge Processing:

- Adaptive Approximate Reasoning about Knowledge (Adaptive Judgment)
- Interaction of Knowledge Sources
- Interactive Rough Granular Computing

Hybridization of Rough Sets with Other Approaches, Applications of Rough Sets, Knowledge Technology Issues:

- Affective Computing
- Approximate & Uncertain Reasoning
- Big Data Analytics and Applications
- Cloud Computing
- Computing with Words
- Decision Support Systems
- Domain-oriented Data-driven Data Mining
- Evolutionary Computing
- Formal Concept Analysis
- Fuzzy Set Theory & Applications
- Granular Computing
- Hybrid Methods in Software Engineering
- Intelligent Systems
- Interactive Computing
- Knowledge Discovery & Data Mining
- Machine Learning
- Multi Agent Systems
- Methods of Bioinformatics
- Multiple Criteria Decision Aiding
- Multimedia Applications
- Natural Computing
- Neural Networks
- Pattern Recognition & Image Processing
- Perception based Computing
- Petri Nets & Concurrency
- Process Mining & Intelligent Planning
- Semantic Web
- Signal Processing
- Social Networks
- Spatio-Temporal Data Mining & Reasoning
- Three-way Decisions
- Web Intelligence & Web Mining

Paper Submission

Both research and application papers are solicited. All submitted papers will be reviewed on the basis of technical quality, relevance, significance, and clarity. Each paper should have at least between 8 to 10 pages in the Springer-Verlag LNCS style, including figures, tables and references. Springer-Verlag author instructions are available at: http://www.springer.com/lncs.

Please submit your paper in PDF format via our electronic paper submission system. We strongly recommend the use of LaTeX style files for this year's conference.

Submission site for papers: https://www.easychair.org/conferences/?conf=IJCRS2015

Important Dates:

- Special session proposals submission deadline: Feb 1, 2015
- Tutorial proposals submission deadline: April 1, 2015
- Paper submission deadline: April 1, 2015
- Review result notification: May 15, 2015
- Final paper submission deadline: July 1, 2015
- Conference Dates: Oct 20-23, 2015

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