IJCRS'2018
International Joint Conference on Rough Sets

20-24, August, 2018
ICISE - International Centre for Interdisciplinary Science & Education, Quy nhon, Vietnam

CALL FOR PAPERS

ijcrs2018.roughsets.org

ABOUT

IJCRS is the prime international conference sponsored by the International Rough Set Society (IRSS). IJCRS 2018 encapsulates four main tracks which refer to major threads of rough set conferences held so far:

- **Rough Sets and Data Science**
  (in relation to RSCTC series organized since 1998)
- **Rough Sets and Granular Computing**
  (in relation to RSFDGrC series organized since 1999)
- **Rough Sets and Knowledge Technology**
  (in relation to RSKT series organized since 2006)
- **Rough Sets and Intelligent Systems**
  (in relation to RSEISP series organized since 2007)

PAPER SUBMISSION

The authors are cordially invited either to submit regular research papers (10-15 pages long) or short papers (6 up to 8 pages long) formatted in Springer llncs style. Each paper will be reviewed by three reviewers, members of the Program Committee, and accepted papers will be published in Springer's LNAI series of Proceedings, indexed in Web of Science. The authors of top papers will be invited to extend and submit them to selected international scientific journals. Three judged best papers will be awarded the Springer best paper awards to the amount of 500, 300, 200 Eur.

IMPORTANT DATES

Regular paper submission deadline:	~~March 10, 2018;~~ **March 31, 2018**
Short paper submission deadline:	April 20, 2018;
Acceptance Notification:	May 20, 2018;
Final Version submission deadline:	May 30, 2018;

SCOPE:
The objective of the conference is to investigate rough set theory as receiving increasing attention in varied hybrid approaches in different practical fields, with a special emphasis on fostering interaction between academia and industry. Topics may include but are not limited to:

Core Rough Set Models and Methods:

- Covering/Neighborhood-Based Rough Set Models,
- Decision-Theoretic Rough Set and Dominance-Based Rough Set Methods,
- Rough-Bayesian Models, Rough Clustering, Rough Computing, Rough Mereology,
- Rough-Set-Based Feature Selection,
- Rule-Based Systems,
- Game-Theoretic Rough Set Methods,
- Variable Consistency / Precision Rough Sets.

Related Methods and Hybridization:

- Artificial Intelligence, Machine Learning, Pattern Recognition, Decision Support Systems,
- Fuzzy Sets and Near Sets, Uncertain and Approximate Reasoning,
- Information Granulation, Computing With Words,
- Formal Concept Analysis, Petri Nets,
- Intelligent Agent Models,
- Interactive Computing, Nature-Inspired Computation Models,
- Natural Language Processing,
- Big Data Processing.

Areas of Applications:

- Medicine and Health, Bioinformatics, Business Intelligence, Telecommunications, Smart Cities,
- Transportation, Astronomy and Atmospheric Sciences,
- Semantic Web, Web Mining and Text Mining,
- Financial Markets, Retail and E-Commerce,
- Computer Vision and Image Processing,
- Cybernetics and Robotics,
- Knowledge Discovery, Knowledge Engineering and Representation, Risk Monitoring.

CONFERENCE CHAIRS	**PC CHAIRS**	**ADVISORY BOARD**	**ORGANIZING COMMITTEE**
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