The 2022 International Joint Conference on Rough Sets
November 11 -14, 2022, Suzhou, China
http://www.ijcrs2022.cn

The 2022 International Joint Conference on Rough Sets (IJCRS 2022) will take place in Suzhou, China from November 11 to November 14, 2022. IJCRS 2022 aims at providing a forum for exchange of ideas on rough sets, granular computing, fuzzy sets, knowledge technology, and their applications. IJCRS 2022's goals are to strengthen the relationships among researchers and institutions working on rough set related research to increase awareness of these topics and to facilitate the contact between new researchers and consolidated groups. Additionally, we will organize events to celebrate the 40th anniversary of rough set theory at the IJCRS 2022 conference.

PAPER SUBMISSION

Submission of theory and application work on topics listed below are encouraged. All papers must be original and not simultaneously submitted to another journal or conference. Submissions must be prepared in the LCNS/LNAI Springer format and have a maximum of 15 pages. Accepted papers will be published in the conference proceedings by Springer-Verlag in the LNCS/LNAI series, both in print and digital forms. In addition, **short submissions** (3-5 pages) or **abstracts** (1-2 pages) can be submitted. If accepted, the talks related to these submissions will be **presented** at the conference but will not be included in the proceedings. A **book of abstracts** with all abstracts will be published and distributed at the conference.

Each submitted paper will be reviewed by three independent reviewers. All papers should be submitted through EasyChair, https://easychair.org/conferences/?conf=ijcrs2022

IMPORTANT DATES

Workshop and Special issue proposal: April 20, 2022

Paper submission deadline: May 15, 2022.

Acceptance Notification: July 15, 2022

Camera ready: September 1, 2022.

Conference: November 11-14, 2022.

TOPICS

- Core Rough Set Models and Methods: Probabilistic Rough Sets, Decision-theoretic Rough Sets, Game-theoretic Rough Sets, Dominance-based Rough Sets, Variable Consistency/Precision Rough Sets, Covering/Neighborhood-based Rough Sets, Rough-Bayesian Models, Partial Rough Set Models, Rough Computing, Rough Clustering, Rough Mereology, Rule-based Systems, Logic in Rough Sets.

- Related Methods and Hybridization: Fuzzy Sets, Shadowed Sets, Soft Sets, Interval Sets, Near Sets, Granular Computing, Soft Computing, Artificial Intelligence, Machine Learning, Federated Learning, Pattern Recognition, Decision Support Systems, Uncertain and Approximate Reasoning, Formal Concept Analysis, Petri Nets, Intelligent Agents, Interactive Computing, Nature-Inspired Computation, Natural Language Processing, Big Data, Data Science, Three-way Decision.

- Areas of Applications: Attribute Reduction and Feature Selection, Medicine and Health, Bioinformatics, Business Intelligence, Telecommunication, Smart Cities, Transportation, Semantic Web, Web Mining, Text Mining, Sentiment Analysis, Financial Markets, E-Commerce, Computer Vision, Image Processing, Cybernetics and Robotics, Knowledge Discovery, Knowledge Engineering and Representation, Risk Monitoring, Conflict Analysis.

ORGANIZATION COMMITTEE

Steering Committee
Andrzej Skowron (co-chair)
Guoyin Wang (co-chair)
Davide Ciucci
Jieye Liang
Roman Slowinski
Yiyu Yao
Wei-Zhi Wu
Tianrui Li
Yang Gao

Conference chairs:
Duoqian Miao
Jerzy Grzymala-Busse
Fanzhang Li
Mingrong Shen

Program Committee chairs:
JingTao Yao
Hamido Fujita
Xiaodong Yue

Special Event Chairs
Jusheng Mi
Łukasz Sosnowski

Workshop chairs:
Deyu Li
Pawan Lingras

Special session chairs
Qinghua Hu
Hong Yu

PhD School chairs
Davide Ciucci
Yuhua Qian

Local Organization chairs
Xizhao Luo
Xiaoyan Xia
Hongyun Zhang

Publication chairs
Nouman Azam
Bing Zhou

Publicity chairs
Qinghua Zhang
Yan Zhang
Zhihua Wei

Web chair
Juncheng Jia

IJCRS HISTORY

Conferences in the IJCRS series are held annually and comprise four main tracks relating the topic rough sets to other topical paradigms: rough sets and data analysis covered by the RSCTC conference series from 1998, rough sets and granular computing covered by the RSFDGrC conference series since 1999, rough sets and knowledge technology covered by the RSKT conference series since 2006, and rough sets and intelligent systems covered by the RSEISP conference series since 2007. Owing to the gradual emergence of hybrid paradigms involving rough sets, it was deemed necessary to organize Joint Rough Set Symposiums, first in Toronto, Canada, in 2007, followed by Symposiums in Chengdu, China in 2012, Halifax, Canada, 2013, Granada and Madrid, Spain, 2014, Tianjin, China, 2015, where the acronym IJCRS was proposed, continuing with the IJCRS 2016 conference in Santiago de Chile, IJCRS 2017 in Olsztyn, Poland, IJCRS 2018 in Quy Nhon, Vietnam, IJCRS 2019 in Debrecen, Hungary, IJCRS 2020 in La Habana, Cuba (held online), and IJCRS 2021 in Bratislava, Slovakia (hybrid).