First Call for Papers: RSCTC'2000

The Second International Conference on Rough Sets and Current Trends in Computing

Banff Park Lodge, Banff, Canada, October 16-19, 2000

Home Page: http://www.cs.uregina.ca/~yyao/RSCTC2000/

Sponsered by

University of Regina
Faculty of Science, University of Regina
International Rough Set Society

Rough Set Theory, proposed first by Zdzislaw Pawlak in the early 80's, has reached a maturity stage. In recent years we have witnessed a rapid growth of interest in rough set theory and its applications, worldwide. Various real life applications of rough sets have shown their usefulness in many domains. It is felt useful to sum up the present state of rough set theory and its applications, outline new areas of development and, last but not least, to work out further relationships with such areas as soft computing, knowledge discovery and data mining, intelligent information systems, synthesis and analysis of complex objects and non-conventional models of computation. The First International Conference on Rough Sets and Current Trends in Computing (RSCTC'98) was held successfully in Poland in 1998. RSCTC'2000 will be the second conference of this kind. Both RSCTC'98 and RSCTC'2000 grew out of a series of annual International Workshops devoted to the subject of rough sets held alternatively in Canada, Japan, Poland and USA. The aim of RSCTC'2000 is to bring together researchers from diverse fields of expertise in order to facilitate mutual understanding and cooperation and to help in cooperative work aimed at new hybrid paradigms.

The conference is devoted to the following topics:

- rough set theory and applications
- knowledge discovery and data mining
- machine learning
- neural networks
- network computing
- complexity aspects of soft computing
- statistical inference
- logical aspects of soft computing
- approximate and uncertain reasoning
- fuzzy set theory and applications
- decision support systems
- evolutionary algorithms
- computing with words and granular computing
- Petri nets and concurrency
- pattern recognition and image processing
- multi-agent systems
- applications of soft computing
- spatial reasoning

Both research and application papers are solicited. All submitted papers will be reviewed on the basis of technical quality, relevance, significance, and clarity. Electronic submission is encouraged and preferred. Pleasse send LaTex (MS-Words, PDF, or Html) and PostScript versions of your paper, and an ASCII version of the cover page (in separate email), by May 15, 2000 to: rs2000@cs.uregina.ca.

Please also submit Four (4) hardcopies of your paper by May 15, 2000 to:

Yiyu Yao (RSCTC'2000)
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Contact information:

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Phone: (306) 585-5213/5226

Your paper length should be at most ten (10) single-spaced, single-column pages including all figures, tables, and references. The ASCII version of a cover page must include author(s) full address, email, paper title and a 200 word abstract, and up to 5 keywords. Please follow the instructions supplied by Springer-Verlag (http://www.springer.de/comp/lncs/Authors.html) when preparing your manuscript. LaTeX2e, LaTeX, TeX, and Microsoft Word Macros for preparing your manuscript are available. Please use the style files provided by Springer-Verlag for Proceedings and Other Multi-Author Volumes in preparing your manuscripts (http://www.springer.de/comp/lncs/Authors.html#Proceedings).

4 copies of full papers received by:	*May 15, 2000*	*Camera-readies due by:*	*July 15, 2000*
Acceptance notices:	*June 20, 2000*	*Conference:*	*October 16-19, 2000*

Workshop and Special Session: If you are interested in organizing a workshop, a special or an invited session, please contact Professor W. Ziarko at ziarko@cs.uregina.ca.

Publication: All accepted papers will be published in the conference proceedings by Springer-Verlag (pending approval). A selected number of RSCTC'2000 accepted papers will be expanded and revised for inclusion in "Knowledge and Information Systems: An International Journal" by Springer-Verlag, or "Fundamenta Informaticae" by IOS Press.

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Conference and Hotel Home Pages

RSCTC'2000:	http://www.cs.uregina.ca/~yyao/RSCTC2000/
Banff Park Lodge:	http://www.banffparklodge.com

The conference participants will enjoy the special very attractive room rate of $99 Canadian, or approximately $68 US, in this prime Banff hotel.