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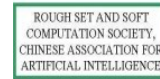


The Fifth International Conference on
Rough Set and Knowledge Technology (RSKT 2010)



Beijing Jiaotong University, Beijing, China

October 15-17, 2010



<http://rskt2010.bjtu.edu.cn>

Major Scopes:

Rough Set and Knowledge Technology (RSKT) is the series of international scientific conferences spanning over last four years. RSKT investigates two major areas outlined in its title with respect to foundations and applications. One area is Rough Set in Hybrid Methodologies and Hybrid Systems. The other is Knowledge Technology and the widely understood Granular Computing including rough and fuzzy set, soft computing in data mining and etc.

The major objectives of the conference are to present the state-of-the-art scientific results, encourage academic and industrial interaction, and promote collaborative research in rough sets and knowledge technology worldwide. The 5th will be held in Beijing, China, Oct. 15-17 2010. Meanwhile, RSKT'10 remains the fully international event aimed at building bridges between different groups and countries.

Publications:

Submissions will be in Springer LNCS style. Accepted and registered papers will be included in the Springer LNAI proceedings available at the conference. Extensions of selected papers from the RSKT2010 proceedings will be considered for publication in special issues of some international journals, such as **Fundamental Informatics** (EI, SCI indexed), **International Journal of Computational Intelligence Systems** (SCI indexed), etc.

Conference Venue

The conference will be held at Beijing Central Garden Hotel , which is famous for its supreme service, professional & self-contained conference facilities and rich experience in reception.

Important Dates

Full paper submission due:	March 20, 2010	April 25, 2010
Paper acceptance/rejection notification:	May 20, 2010	June 6, 2010
Camera ready submission and registration	July 6, 2010	

Conference Chair

Bin Ning (China)
Sankar K. Pal (India)
Zhihua Zhou (China)

Program Chairs

Jian Yu (China)
Salvatore Greco (Italy)
Pawan Lingras (Canada)

Technique Tracks: (Relevant topics include, but are not limited to):

<p>Rough Sets and Computing Theory</p> <p>Autonomy-oriented Computing Evolutionary Computing Fuzzy Sets and Computing Granular Computing Grid and Cooperative Computing Intelligent Computing Molecular and Quantum Computing Neural Computing Rough Sets and Computing Soft Computing</p> <p>Applications</p> <p>Artificial Intelligence in Medicine Science Data Mining in Medicine Data Mining in Traditional Chinese Medicine Digital City and Digital interactivity Image Reconstruction Image Segmentation and Analysis Intelligent Agriculture Intelligent Bio-Medical Intelligent CAD Intelligent Communications Intelligent Education Intelligent Environmental Engineering Intelligent Games Intelligent Information Security Intelligent Management Intelligent Manufacture and Automation Intelligent Power Intelligent Telecommunications Intelligent Transportation Medical Knowledge networks and Management Medical Web Intelligence and Telemedicine</p>	<p>Knowledge Technology</p> <p>Automated Reasoning Bio-statistics and Data Mining Concept Formation and Learning Conceptual Maps Cybernetics Formal concept Analysis Genomics and Proteomics Knowledge Engineering Knowledge Retrieval Knowledge Theory Logics Machine Learning Ontology Construction Ontology-based Knowledge Discovery Pattern Recognition Semantic and Meaning Processing Semantic Web Systems Biology Technologies for Human Vision</p> <p>Intelligent Information Processing</p> <p>Artificial Intelligence Bioinformatics Brain Informatics Cognitive Informatics Computer Vision and Perception Image Processing Intelligence Science Intelligent Agents and Multi-Agents Intelligent Data Analysis Natural Intelligence Natural Language Processing Neural Control and Rehabilitation Neural Informatics Neurology and Signal Processing Robotics Speech Recognition Web Intelligence</p>
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