CALL FOR PAPERS

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):

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