



2007 Joint Rough Set Symposium

INFOBRIGHT



May 14-16, 2007

Toronto, Canada



MARS Discovery District Centre

<http://www.infobright.com/jrs07/>

NON-AUTHOR registration for all invited talks, paper presentations, coffee breaks and reception party

Regular Registration	Student Registration	Group Registration	Registration Due
\$250 CAD	\$150 CAD	contact us for details	May 7, 2007

TWELVE invited talks on **ROUGH SETS** Soft Computing, Data Mining, and Knowledge Technologies

Keynote Talks

Andrzej Skowron (Warsaw U, Poland) Toward Rough-Granular Computing	Loffi A. Zadeh (U of California, Berkeley, USA) Granular Computing and Rough Set Theory
Sadaaki Miyamoto (U of Tsukuba, Japan) Data Clustering and Rough Sets	Yiyu Yao (U of Regina, Canada) Decision-Theoretic Rough Set Models

Plenary Talks

James F. Peters (U of Manitoba, Canada) Near Sets: A New Approach to Perceptual Object Recognition	Sushmita Mitra (Indian Statistical Institute, India) Hybrid Rough Set Methods in Data Mining
Chengqi Zhang (U of Technology, Sydney, Australia) Activity Mining to Strengthen Debt Prevention	Xindong Wu (U of Vermont, USA) Top 10 Algorithms in Data Mining
Bernhard Ganter (TU Dresden, Germany) Computing with Formal Concepts	Domenico Talia (U of Calabria, Italy) From Parallel Data Mining to Grid-enabled Distributed Knowledge Discovery

Tutorials

Mihir Chakraborty (U of Calcutta, India) Algebras and Logics of Rough Sets	Wojciech Ziarko (U of Regina, Canada) Pawlak's Rough Sets and Beyond
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Over **120** peer-reviewed papers investigating **ROUGH SETS** and varied hybrid methodologies including

Knowledge Representation	Reasoning Methods	Intelligent Systems	Trends in Computing
Conceptual Representation	Approximate Reasoning	Adaptive / Sapiient Systems	Autonomous Computing
Petri Nets / Concurrency	Context-Dependent Methods	Behavior-based AI Systems	Bio-Inspired Computing
Semantic Web / Ontology	Multi-Agent Systems	Swarm / Ambient Systems	Neurocomputing
Spatial-Temporal Models	Multi-Criteria Decisions	Web Intelligence	Ubiquitous Computing

Soft Computing	Mining / Learning	Information Retrieval	Complex Data Challenges
Fuzzy Sets / Logic	Clustering / Outliers	Intelligent Search Engines	Complex / Mixed Data Types
Granular Computing	Hierarchical Learning	Interactivity / Personalization	Distributed / Relational Data
Interval Computing	Reinforcement Learning	Query / Question Answering	Many Columns / Few Rows
Probabilistic Models	Rule- / Case-based Methods	Term Extraction / Annotation	Noise / Incompleteness

Applications presented during Symposium

Biometrics	Bioinformatics	Data Warehouses	Health Informatics
Kansei Engineering	Medical Imaging	Multimedia Engineering	Text / Web Mining

For more information, visit <http://www.infobright.com/jrs07/registration.html> or email jrs07@cse.yorku.ca