

## Call for papers – RSKT 2011



The Sixth International Conference on Rough Sets and Knowledge Technology RSKT 2011 will be held in Banff, Canada, October 9-12, 2011 <http://rskt.cs.uregina.ca/>

### **Aim and Scope:**

The major aim of the RSKT 2011 is to present the innovative results, encourage academic and industrial interaction, and promote scientific collaborative in rough sets and knowledge technology worldwide. Rough Sets and Knowledge Technology (RSKT) is the sixth conference in a series of international scientific meetings spanning over the last five years. In keeping with the aims of the past conferences, this conference provides opportunity to explore synergies between rough sets and state-of-the art knowledge technologies, in terms of both foundations and applications.

### **Paper Submission:**

Both research and application papers are solicited. All submitted papers will be reviewed on the basis of technical quality, relevance, significance, and clarity. Each paper should have no more than ten (10) pages in the Springer-Verlag LNCS style, including figures, tables and references. Springer-Verlag author instructions are available at: <http://www.springer.com/lncs>. Please submit your paper in PDF format by March 20, 2011 via our electronic paper submission system. The URL for paper submission system is <https://www.easychair.org/account/signin.cgi?conf=rskt11>

**Important Dates:**

Full paper submission due: March 20, 2011

Paper acceptance/rejection notification: May 20, 2011

Camera ready submission and registration: July 6, 2011

Conference: October 9 -12, 2011

The topics relevant to RSKT 2011 include, but are not limited to:

**Theory, methods and tools:**

Approximate Reasoning, Bayesian and Probabilistic Methods, Bio-inspired and Evolutionary Computing, Cognitive Computing, Data Analysis, Formal Concept Analysis, Fuzzy Sets, Granular Computing, Inductive Methods, Information Incompleteness and Inconsistency, Machine Learning, Multi-criteria Decision Making, Near Sets, Neural Networks, Rough Sets, Rough Mereology, Social Networks, Semantic Web and Ontology and Temporal Reasoning.

**Application fields:**

Bioinformatics, Business Intelligence, Data Mining, Decision Support Systems, Diagnosis Systems, Expert Systems, Hybrid Systems, Image Processing, Information Systems, Information Retrieval, Information Security, Intelligent Systems, Multi-agent Systems, Medical Applications, Multimedia Applications, Pattern Recognition, Process Mining, Signal Processing, Software Engineering, Web Intelligence, Web Mining and Web Services.

**Workshop and Special Sessions:**

In conjunction with the main RSCTC 2011 conference special sessions and workshops on variety of topics are solicited. Special sessions are conceived as a forum for specialists on narrower topics related to the main conference. Workshop on **Advances in Granular Computing** and a special session on **Near Sets: Foundations and Applications** have been approved. Details of these events can be found at: <http://rskt.cs.uregina.ca/>

**Publication:**

All accepted papers will be published in the conference proceedings by Springer-Verlag in the Lecture Notes in Artificial Intelligence (LNAI) series, which is published, in parallel to the printed books, in full-text electronic form via <http://www.springerlink.com> (pending approval). Post conference papers are planned for journals such as Fundamenta Informaticae(FI), Transactions on Rough Sets(TRS) and the International Journal of Computational Intelligence Systems (IJCIS).

**Conference chairs:**

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Roman Słowiński, Poland  
Xin Wang, Canada

**Program Chairs:**

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Zbigniew Suraj, Poland  
Guoyin Wang, China  
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**Local Organization Chairs:**

Henry Leung, Canada  
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**Workshop and Special Session Chairs:**

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**Publicity Chairs:**

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**Program Committee (Tentative List):**

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