

# CALL FOR PAPERS

## Special Session on Decision-Theoretic Rough Set Model

At the International Conference on  
Rough Set and Knowledge Technology (RSKT'10)  
Beijing Jiaotong University, Beijing, China  
October 15-17, 2010

Proposed in early 90's, the decision-theoretic rough set model (DTRS) aims to loosen restrictions of conventional rough approximations. It is one of most important probabilistic rough set models. DTRS has gained research attention in recent years. Based on the well established and semantically sound Bayesian decision procedure, DTRS has been successfully applied to many research domains, such as data analysis and data mining, feature selection, information retrieval, and web-based support systems.

The goal of this special session is to provide a forum for researchers and practitioners to present and discuss their latest research and applications of decision-theoretic rough set model.

The scope of this special session include the following, but not limited, topics,

- Probabilistic rough set models
- Bayesian rough set models
- Extensions of decision-theoretic rough sets
- Game theoretical rough sets
- Applications of decision-theoretic rough sets
- Decision-makings based on decision-theoretic rough sets

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**Submission procedure:**

Submissions should be eight pages long in Springer LNCS style. Accepted & registered papers will be included in the main conference proceedings published by the Springer as LNCS/LNAI series. Submitted papers should be uploaded through the RSKT2010 EasyChair Online Submission Site at

<https://www.easychair.org/login.cgi?a=a03a9c904a6d;iid=19053>.

Please label your submission as this special paper. Manuscripts should preferably be prepared with LaTeX2e (use Springer class file llncs2e.zip). See instruction for authors:

<http://www.springer.de/comp/lncs/authors.html>

**Important dates:**

Full paper submission due:	April 15, 2010
Acceptance notices:	June 6, 2010
Camera-ready papers due:	July 6, 2010