

Special Session on

Quotient Space Theory: Research and Applications

Brief Description

Granular Computing is one of the important research hot topics in Artificial Intelligence. Quotient Space Theory is one of three basic theoretical models in Granular Computing. Quotient Space Theory, proposed by Professors Ling Zhang and Bo Zhang, imitates the human's thoughts of solving problem. The aim of computer-based problem solving is to develop techniques that program computers to find solutions to problems that can properly be described. The central aspect of problem solving is problem representation, i.e. the verbal description of procedures that lead the computers to approach the goal state of the solution.

The session "Quotient Space Theory Research and Applications" of the Sixth International Conference on Rough Set and Knowledge Technology (RSKT2011) invites the submission of original high-quality research papers. This session aims to bring together researchers and practitioners to present the latest achievements and innovations in the area of Quotient Space Theory, to discuss thought-provoking developments and challenges, to consider potential future directions. Submissions will be in Springer LNCS style. Accepted and registered papers will be included in the Springer LNAI proceeding available at the conference.

Chair of Special Session

Prof. Yanping Zhang, Anhui University, P.R. China

Program Committee of the Special Session

Prof. Ling Zhang
Prof. Jiaying Chen
Prof. Longshu Li
Prof. Tao Wu

Secretary of Special Session

Shu Zhao (zhaoshuzs2002@hotmail.com)
Fugui He (fuguihe@163.com)

Scope and Topics

Topics of interest include but not limited to:

- ◇ Quotient space theory research

- ✧ Quotient space theory application
- ✧ Granular computing

Important Dates

Camera ready submission and registration: March 20, 2011
Paper acceptance/rejection notification: May 20, 2011
Camera ready submission and registration: July 6, 2011
Conference: October 9 -12, 2011, Banff, Canada

Instructions for Authors

Full papers should be submitted via electronic paper submission system. The paper submission system is <https://www.easychair.org/account/signin.cgi?conf=rskt11>. Please specify that the paper is for the Knowledge Technology meet Quotient Space Theory Research and Application session and sent a copy of the paper to zhangyp2@gmail.com. Author instructions are available at <http://www.springer.com/lncs>. All accepted papers will be published in the main conference proceedings.