

Call for Book Chapters

Business and Industrial Applications of Rough Sets



Since its introduction by Pawlak in the early 1980's Rough Set Theory has gained increasing attention among academics and in industry. Today Rough Sets has become an important concept in the fields of Granular and Soft Computing.

The objective of the book **Business and Industrial Applications of Rough Sets** is to provide a comprehensive state-of-the-art survey of applications of Rough Sets in industry and business.

The target audiences are industry people who are interested in the potential of Rough Sets to support their businesses. Therefore, the book will be written in an industry like style that is backed by sound theory. It is planned that the book should consist of about ten chapters of roughly 20 pages each.

Possible topics and fields of applications of Rough Sets include but are not limited to:

Foundations of Rough Sets

Business and Management Science

- Business Process Management
- Data Warehousing
- Decision Theory

Engineering

- Chemical Engineering
- Electrical Engineering
- Mechanical Engineering

Information Technology and Computer Science

- Clustering
- Pattern Recognition

Natural Science

- Biology / Bioinformatics
- Chemistry
- Physics

Etc.

Important Dates

Submission of proposals for chapters (short abstract) by Jan 31, 2009

Notification of acceptance by March 31, 2009

Submission of full chapters by June 30, 2009

Review results by July 31, 2009

Submission of final chapters by September 30, 2009

Editors

Georg Peters, Univ. of Applied Sciences – Muenchen, Germany (georg.peters@cs.hm.edu)

Pawan Lingras, Saint Mary's University, Canada (pawan@cs.smu.ca)

Dominik Slezak, Infobright, Inc., Poland (dominik.slezak@infobright.com)

Yiyu Yao, University of Regina, Canada (yyao@cs.uregina.ca)

Please direct any inquires and submissions of proposals to georg.peters@cs.hm.edu.