



INTERNATIONAL

INVITED SESSION SUMMARY

Title of Session:

Advances of Soft Computing in Industrial and Management Engineering: New Trends and Applications

Name, Title and Affiliation of Chair:

Dr. Shing Chiang Tan, Multimedia University, Malaysia
Prof. Junzo Watada, Universiti Teknologi Petronas, Malaysia
Prof. Chee Peng Lim, Deakin University, Australia

Details of Session (including aim and scope):

Soft computing provides a methodology to deal with uncertainty and imprecision, and has been applied to tackle many industrial problems. The aim of this session is to provide a forum for researchers and practitioners to demonstrate and share the latest development in soft computing models for undertaking problems in industrial management engineering (IME). Indeed, IME spans a variety of aspects, covering administration, planning, project management, corporate strategy, performance management, production management, process/system optimisation, material management, knowledge management, and productivity improvement. The topics of interest include, but are not limited to, apps development for IME, granular computing, deep learning, active learning, probability and possibility theories, fuzzy sets, evolutionary algorithms, artificial neural networks, rough sets, optimisation, classification/clustering, fuzzy control and modelling, fuzzy analysis, linguistic processing and automata, knowledge discovery, and decision making in dealing with IME related problems.

Main Contributing Researchers / Research Centres (tentative, if known at this stage):**Website URL of Call for Papers (if any):****Email & Contact Details:**

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