



INVITED SESSION SUMMARY

Title of Session:

Soft Computing Models in Industrial and Management Engineering

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 deals with uncertainty and imprecision, and provides approximate solutions to many complex problems. This session is aimed to bring together researchers and practitioners from academia and industry to share the latest research and development of soft computing models in undertaking problems in industrial and management engineering (IME). IME is concerned with issues related to 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, internet of things, big data, apps development for IME, granular computing, deep learning, active learning, probability and possibility theories, fuzzy sets, meta-heuristic algorithms, artificial neural networks, rough sets, optimisation, classification/clustering, fuzzy control and modelling, fuzzy analysis, linguistic processing and automata, knowledge discovery, knowledge virtualisation, 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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