



**INTERNATIONAL**

## INVITED SESSION SUMMARY

**Title of Session:**

**Advances of Soft Computing in Industrial and Management Engineering**

**Name, Title and Affiliation of Chair:**

Dr. Shing Chiang Tan, Multimedia University, Malaysia  
Prof. Chee Peng Lim, Deakin University, Australia  
Prof. Junzo Watada, Waseda University, Japan

**Details of Session (including aim and scope):**

Many computing techniques were introduced to optimize the resources and the usage of equipment, improve quality and efficiency of processes or systems in various industries, e.g., from manufacturing to telecommunications, from banking to agriculture and health care. The aim of this session is to provide a medium for researchers, engineers, practitioners and developers from academia and industry to exchange ideas and also to share their latest outcomes from research and development of soft computing in the domain of industrial and management engineering (IME). This session is concerned on the application of soft computing in dealing with various issues/problems related to different aspects of IME, e.g., 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, 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 the mentioned issues/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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