

Announcement and Call for Papers
***The Third European Conference on
Intelligent Management Systems in Operations***
5-6 July 2005, University of Salford, U.K.
Organised by the U.K. Operational Research Society

Call for Papers

Operations management poses a number of problems of significant complexity whose solution would lead to more effective operations and bring significant economic benefits. Their solution, however, require novel approaches that are based on techniques and principles from both Operational Research and Artificial Intelligence.

The first and second conferences were both held in Salford, Greater Manchester, UK in March 1997 and July 2001. They attracted papers from researchers and practitioners from many countries including Australia, Hong Kong, Brazil, USA as well as Europe. Selected papers from these conferences appeared in special issues of the Journal of Operational Research Society and the Journal of Integrated Manufacturing Systems.

The third conference will also be held at Salford University, Greater Manchester, and aims to bring together researchers and practitioners working on the challenging problems in operations management that are at the OR-AI interface.

Researchers and practitioners from industry and academia are invited to submit papers in all areas related to aspects of design, development, testing and implementation of intelligent management systems in manufacturing and service operations covering but not restricted to:

- Process Design and Control.
- Maintenance and Fault Diagnosis
- Knowledge Management in Operations
- Workforce Training and Management
- Scheduling and Capacity Planning
- Supply Chains and Inventory Management
- Quality Management and Control
- E-Business and E-Manufacturing

Papers describing case studies utilising or evaluating AI techniques such as Neural Networks, Data Mining, Knowledge Based Systems, Case Based Reasoning, Fuzzy Logic, Bayesian Networks, Agent Technology as well as Hybrid Intelligent techniques are particularly encouraged.

Key Dates & Deadlines

- * Indication of intention to present a paper/ attend the conference A.S.A.P.
- * Extended abstract of around 500 words to be submitted by 30 September 2004.
- * Accepted papers to be notified by 30 November 2004.
- * Full papers to be submitted by 31 March 2005.

Organising committee

Prof Khairy Kobbacy, Salford University (Chair)

Prof Sunil Vadera , Salford University

Dr Ashraf Labib, UMIST

Chris Barrett, The OR Society

Submission Procedure

To indicate an intention to submit a paper, enter title (you can change it later) and your details in the web form www.theorsociety.com by clicking on IMSIO III (submit a title) on the front page of the site. To call up the form, select Submit a paper.) You can type or paste in your abstract at the same time, or do it later. Advice on submitting full papers will be emailed at a later stage.

If you wish to contact members of the committee their details are given below, but please make your submission as described above, as this will ensure that your contribution is entered in the conference database.

Prof K Kobbacy, Email: k.a.h.kobbacy@salford.ac.uk.

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