



KES'2003

Call for Papers

Seventh International Conference on

Knowledge-Based Intelligent Information & Engineering Systems

3, 4 & 5 September 2003

Oxford, United Kingdom

www.brighton.ac.uk/kes/kes2003/

The seventh conference in the very successful KES series will be held at Oxford - UK, one of the most famous university and cultural sites in the world as well as most popular tourist destination in England. We are pleased to invite papers on Intelligent Systems and Techniques, Applications of Intelligent Techniques and related areas within Information Technology and Advanced Internet Technologies. The conference will consist of plenary sessions, and contributory sessions on the theory and applications of various intelligent techniques, including but not limited to the following topics of interest and areas of application:-

Generic Topics of Interest:

Knowledge-Based Systems, Expert Systems, Neural Networks, Fuzzy Techniques and Systems, Genetic Algorithms and Evolutionary Computing, Hybrid Intelligent Systems, Intelligent Agents and Multi-Agent Systems, Knowledge Discovery and Data Mining, Machine Learning, Cognitive Modelling, Knowledge Representation and Management, Planning, Spatial & Temporal Reasoning, Knowledge Acquisition.

Intelligent Applications:

Industrial Control and Monitoring, Fault Diagnosis, Robotics, Image Processing, Machine & Computer Vision, Medical & Diagnostic Systems, Financial & Stock Market Monitoring and Prediction, Speech Processing and Synthesis, Natural Language Processing, Environmental Monitoring, Power Electronics & Drives, High Voltage Systems, Engine Control and Vehicle Applications; Signal Processing & Wavelets

Emerging Intelligent Technologies:

Artificial Intelligence and the Internet, Information Agents on the Internet, E-commerce/E-business and E-learning, Intelligent Information Retrieval, Intelligent Web Mining & Applications, Intelligent User Interfaces, Bioinformatics using Intelligent & Machine Learning Techniques, Intelligent Tutoring Systems, Virtual Reality & Multi-Media Intelligent Information Systems, Artificial Life

SUBMISSION OF PAPERS

Papers are invited from prospective authors with interests on the indicated conference topics and related areas of application. All contributions should be original and not published elsewhere or intended to be published during the review period. Contributions from more applied related fields in industry and commerce are very welcome. Please see the web site for details of the required paper format and submission details. All oral and poster papers must be presented by one of the authors. To ensure high quality, all papers will be thoroughly reviewed by KES2003 Programme Committee. The conference proceedings will be published and distributed by a major publisher, e.g. IOS Press Amsterdam. Extended versions of selected papers will be considered for publication in the International Journal of Knowledge-Based Intelligent Engineering Systems (www.brighton.ac.uk/kes/journal/).

IMPORTANT DEADLINES

For General Sessions:-

- * Submission of papers: 1 February 2003
- * Notification of acceptance: 1 April 2003
- * Final papers to reach KES Secretariat by: 1 May 2003
- * Special Session/ Workshop Proposal: 1 March 2003

If you have been invited to contribute a paper for a Special/Invited Session, please contact the Session Chair for deadlines relating to the Session. Final papers for Special/Invited Sessions must reach the KES Secretariat by 1 May 2003.

All presenting authors (both General and Special/Invited Sessions) must register with payment by the 1st June 2003 deadline for their papers to appear in the proceedings.

SPECIAL SESSIONS

Scientists who would like to organise a special session of 5/6 papers on some topics falling within the scope of the conference are invited to contact the General Chair/KES Secretariat. Proposals for special workshops or tutorials are also welcome.

EXHIBITORS

Manufacturers of hardware and software, publishers, etc., are invited to apply to exhibit their products to the international audience that will attend the conference.

CONFERENCE VENUE

KES2003 is organized by the University of Oxford in co-operation with KES Administration Secretariat based at the University of Brighton, UK, and is hosted at St Anne's College, University of Oxford, UK. Oxford has many places of cultural interests with centuries of history to unveil and it is well renowned as a seat of learning and traditions for over 800 years. With its honey-gold buildings, traditional colleges, river setting and gardens, Oxford is one of the most famous tourist attractions in England. It is located in a wonderful setting about 80km north-west of London and about 60km from Heathrow international airport. Oxford is excellently served by road and train networks that give instant and direct access to all London airports as well as to other big international airports and important attractions in England. Low cost accommodation will be provided in student study-rooms, or there are many good-quality hotels in the city. Delegates will be invited to a conference reception, for a formal welcome, as well as to a conference banquet in a traditional Oxford college.

KES2003 is being organized by the University of Oxford, UK, General Chair: V. Palade

KES2003 is part of the KES Conference Series, Honorary Founder and Programme Committee Chair: L.C.Jain

KES2003 is administered by the KES Secretariat, University of Brighton, UK, Executive Chair: R.J.Howlett

KES2003 Programme Committee and Contact details on verso

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Simon D. Walters, University of Brighton
Graham Winstanley, University of Brighton
Xindong Wu, University of Vermont, USA

KES2003 contact details:-

For enquiries about KES2003, please contact:-

Dr. V. Palade

Oxford University, Computing Laboratory, Parks Road, OX1 3QD, Oxford, United Kingdom

Email: Vasile.Palade@comlab.ox.ac.uk

Telephone: +44 (0)1865 283606 Fax: +44 (0)1865 283532

Web site: www.brighton.ac.uk/kes/kes2003/

For general enquiries about KES Conferences or the KES Journal please contact:-

The KES Secretariat, Engineering Research Centre, School of Engineering, University of Brighton,
Moulsecoomb, Brighton, BN2 4GJ, United Kingdom.

Email: KES@brighton.ac.uk

Telephone: +44 (0)1273 642305 Fax: +44 (0)1273 642444

Send us your details if you wish to be added to the KES2003 mail list.