



## The 14th International Conference on Automation and Computing

6 September 2008, Brunel University, West London, UK.

### Call for Papers

#### Conference Theme – Bio-computing and networked computing

The aims of the conference are to provide a wide forum for scientists, engineers, scholars and students to update technical knowledge and exchange ideas, and to provide a platform where joint research programmes not only between organisations in the UK but also between those in both the UK and China can be formulated for mutual benefit. The conference welcomes participations and contributions from those involved in both theoretical research and practical applications of all aspects of automation, engineering, and computer science. In addition to the technical sessions, there will be plenary sessions. Technical topics of the conference include but are not limited to:

##### PROGRAM TOPICS

Artificial Intelligence and Virtual Reality	Modelling and Identification
Autonomous Systems and Sensor Integration	Multimedia Systems and Applications
Bio-informatics	Network Congestion Control
Communications and Networks	Networked Control
Computer Architecture	Neural Networks, Fuzzy Logic, and Genetic Algorithms
Computer Graphics & Visualization	Nondestructive testing, nondestructive evaluation and condition monitoring
Computer Security	Optimisation and Decision Making Support
Concurrency	Process Control, modelling and optimal design
Control Methodologies and Applications	Programming Languages
Database	Robust and Adaptive Control
Digital Manufacturing and enterprise technologies	Robot Control and Intelligent Sensors
Electronic/Web-Based Media	Safety and Reliability Assessment
Flexible Manufacturing and CIM	Software Engineering
Human Computer Interaction	Software Testing and Reuse
Information Technology and Information Systems	Systems Engineering
Internet-based e-Engineering	Virtual Reality and Applications
Machine Vision and Image Processing	Wireless Sensor Networks
MEMS and micro devices	

##### PAPER SUBMISSION

Papers should describe the original work with focused details. It should be no more than 6 (six) A4 pages in total including figures, references, and appendices, etc, in double columns with left/right margins of 20mm and top/bottom margins of 26mm, column separation 0.6cm in center. The conference detail and a paper template are available on the CACSUK web site <http://www.cacsuk.org>. The first page of each paper should include a paper title, an abstract with a maximum of 200 words, up to 5 key words, author's name(s), complete mailing address, and email address. Electronic form of submission, in Word, PostScript, or PDF, is acceptable and preferred. The presenter of each paper needs to be clearly indicated in the first page. All contributions along with TWO suggested topics listed above should be emailed to Dr Sijing Zhang at [sijiang.zhang@beds.ac.uk](mailto:sijiang.zhang@beds.ac.uk) or Dr Dayou Li at [dayou.li@beds.ac.uk](mailto:dayou.li@beds.ac.uk)

##### IMPORTANT DATES

30 June 2008: Deadline for Submitting Full Papers  
30 July 2008: Notification of Acceptance  
15 August 2008: Deadline for Camera-ready Papers

##### CONFERENCE CHAIR

Professor Zidong Wang, Brunel University ([zidong.wang@brunel.ac.uk](mailto:zidong.wang@brunel.ac.uk))

##### PROGRAMME CHAIRS

Dr Sijing Zhang and Dr Dayou Li ([sijiang.zhang@beds.ac.uk](mailto:sijiang.zhang@beds.ac.uk), [dayou.li@beds.ac.uk](mailto:dayou.li@beds.ac.uk))