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Call for Papers

Conference Theme: Energy and Sustainability
— new challenges for computing and automation

AIMS: The aims of the conference are to provide a forum for scientists, engineers, scholars and students to exchange ideas and update technical knowledge and to provide a platform where joint research programmes 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.

SCOPE: The scope of the conference covers a broad spectrum of areas with multi-disciplinary interests in the fields of automation, control engineering, computing and information systems, ranging from fundamental research to real-world applications. The conference welcomes the submission of papers in the nature of original research, technical review and tutorial from following, but not limited to, areas:

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

SUBMISSIONS: Papers should describe the original work with focused details. It should be no more than 6 pages (A4 paper) including figures, references, and appendices, etc, in double columns with left/right margins of 20 mm and top/bottom margins of 26 mm, column separation 0.6 cm in center. The conference detail and the paper template for ICAC'10 are available on the CACSUK web site http://www.cacsuk.org . The first page of each paper should include the title of the paper, an abstract with no more than 200 words, up to 5 key words, author's name(s), complete mailing addresses, and email address for correspondence. 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 Xun Chen (x.chen@hud.ac.uk) or Zhijie Xu (z.xu@hud.ac.uk).

IMPORTANT DATES
Paper submission deadline----------------------------- 25 June 2010
Notification of acceptance---------------------------- 25 July 2010
Camera-ready copy due-------------------------------- 5 August 2010

CONFERENCE FEE: £80.00 (Full registration), £40.00 (Student registration)