
CALL FOR PAPERS - CACSUK07

The 13th Annual Conference of Chinese Automation and
Computing Society in the UK
旅英中国自动化及计算机协会 2007 年第 13 届年会



Website: <http://www.cacsuk.org>

15 September 2007, Staffordshire University, Stafford, UK

Conference Theme:

"Intelligent Networking, Control and Robotics"

Aims

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.

CACSUK Organisation

This conference is organised by the Chinese Automation and Computing Society in the UK (CACSUK), an overseas Chinese professional body that was founded in 1992 with a dedicated field of automation and control and later expanded to Computer Science from 2000 onwards. The current society chairman is Professor Shuanghua Yang at The University of Loughborough.

It is expected that special guests and delegates consisting of leading scientists in related fields in China will attend the conference and give keynote addresses in emerging and hotly debated areas. All scholars and students in both the UK and China are welcome to attend this conference.

Local Conference Organisers

This year's CACSUK07 annual conference will be jointly organised by the Faculty of Computing, Engineering and Technology at Staffordshire University.

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, tutorials, and system development notes from the following, but not limited to, technical areas:

1. Artificial Intelligence and Virtual Reality
2. Autonomous Systems and Sensor Integration
3. Communications and Networks
4. Computer Architecture
5. Computer Graphics & Visualization
6. Computer Security
7. Concurrency
8. Control Methodologies and Applications
9. Database
10. Digital Manufacturing and enterprise technologies
11. Electronic/Web-Based Media
12. Flexible Manufacturing and CIM
13. Information Technology and Information Systems
14. Internet-based e-Engineering
15. Machine Vision and Image Processing
16. MEMS and micro devices
17. Modelling and Identification
18. Multimedia Systems and Applications
19. Network Congestion Control
20. Networked Control
21. Neural Networks, Fuzzy Logic, and Genetic Algorithms
22. Nondestructive testing, nondestructive evaluation and condition monitoring
23. Optimisation and Decision Making Support
24. Process Control, modelling and optimal design
25. Programming Languages
26. Robotics
27. Robust and Adaptive Control
28. Robot Control and Intelligent Sensors
29. Safety and Reliability Assessment
30. Software Engineering
31. Software Testing and Reuse
32. Systems Engineering
33. Virtual Reality and Applications
34. Wireless Sensor Networks

LANGUAGE

All papers must be written in English.

SUBMISSIONS

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 centre.

All contributions along with TWO suggested topics listed in Scope should be emailed to Professor Huosheng Hu at hhu@essex.ac.uk.

IMPORTANT DATES

- 30 June 2007:** **Deadline for Submitting Full Papers**
30 July 2007: **Notification of Acceptance**
15 August 2007: **Deadline for Camera-ready Papers**

Conference Chair

Prof Hongnian Yu, Staffordshire University, UK. Email: h.yu@staffs.ac.uk