



2012 IEEE International Conference on Computer Science and Automation Engineering (CSAE 2012) Call for Papers

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May 25-27, 2011, Zhangjiajie, China

CSAE 2012 is the 2nd International Conference on Computer Science and Automation Engineering. The conference this year is technically sponsored by IEEE Beijing Section, and organized by Hunan Institute of Humanities, Science and Technology, Tongji University, Xiamen University, University of Bradford, Iwate Prefectural University. It will be held on May 25-27, 2012, in Zhangjiajie, China. You are invited to submit papers in all areas of Computer Science and Automation Engineering.

Submissions of papers describing original work in, but not limited to, the following topics are enthusiastically encouraged:

Computer Science and Technology:

- Algorithms
- Artificial Intelligence
- Cloud Computing
- Computer Architecture and Embedded Systems
- Computer Graphics and Multimedia
- Computer Network and Security
- Computer Simulation and Modeling
- Computer Vision and Image Processing
- Computer-aided design / Manufacturing
- Database Technology and Data Warehousing
- Distributed and Parallel Computing
- Embedded Programming
- Grid Computing
- Human-Computer Interaction
- Image processing and Acquisition
- Information Retrieval
- Information Security
- Internet and Web Applications
- Knowledge Engineering and Management
- Machine Learning and Knowledge Discovery
- Natural Language Processing
- Neural Networks and Genetic Algorithms
- Pattern Recognition and Analysis

Automation and Control Engineering:

- Automatic Control Systems
- Control Theory and Control Engineering
- Detection Technology and Automatic Equipment
- Distributed Control Systems
- E-commerce and e-Government
- Electric Automation
- Fuzzy Control and Fuzzy System
- Factory Modeling and Simulation
- Fault Diagnosis
- Industrial Automation
- Intelligent Control and Intelligent System
- Intelligent Management and Decision-making
- Intelligent Automation and Manufacturing
- Logistics and Supply Chain
- Management Information System
- Mechanic Manufacturing System
- Mechatronics and Robotics
- Motion Control
- Network Control
- Neuro Control
- Office Automation
- Process Control
- Scheduling and Coordination

- Pervasive Computing
- Programming Languages and Techniques
- Rough and Fuzzy Rough Set
- Software Engineering

Others:

- Bioinformatics and Biomedical Engineering
- Circuits and Systems
- Electric Machines and Electric Apparatus
- Electrical and Electronics Engineering
- Management Science and Engineering
- Microelectronics Technology
- Modeling and Simulation
- Nanotechnology

- Sensor and detection technology
- System Engineering Theory and Practice
- System Modeling and Simulation Techniques
- Transport Control Theory And Methodologies

- Optoelectronic Devices and Integration
- Power Electronics
- Precision Instrument and Machinery
- Semiconductor Devices
- Signal and Information Processing
- Test Measurement Technology and Instruments
- Wireless Communication and Mobile Computing
- Wireless Sensor Networks

Important Date

Full paper submission: **December 30, 2011**

Final registration: March. 30, 2012

Acceptance notification: February. 28, 2012

Final papers submissions: March. 30, 2012

Paper Submission

Prospective authors are encouraged to submit a full paper for review before **December 30, 2011**, in PDF or Word format, Each paper should be written in English, Regular papers are allowed to 5 pages, Extra pages will incur additional charges. Please submit your papers by using the online submission system: <http://www.ieee-csae.org/login.asp>

General Conference Chairs

Mengqi Zhou, IEEE Beijing Section, China

Jian Wang, Tongji University, China

Jun Guo, Hunan Institute of Humanities, Science and Technology

Publication Chair

Mengqi Zhou, IEEE Beijing Section, China

Organization Chair

Yun Cheng, Hunan Institute of Humanities, Science and Technology

General Conference Co-chairs

Ping Jiang, University of Bradford, UK

Changle Zhou, Xiamen University, China

Kenzoh Itoh, Iwate Prefectural University, Japan

Technical Program Committee Chairs

Shaozi Li, Xiamen University, China

Ying Dai, Iwate Prefectural University, Japan

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