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## Call for Papers

### The International Conference on Information Engineering and Computer Science (ICIECS2009)

19-20 December 2009 — Wuhan, China

<http://www.iciecs.org>

This conference will bring together the top researchers from Asian Pacific nations, North America, Europe and around the world to exchange their research results and address open issues in Surveying and Mapping, Artificial Intelligence and Its Application, Image Processing and Digital Signal Processing, Computer Modeling and Simulation, and Software Engineering. Topics of interest for submission include, but are not limited to:

#### Track 1. Surveying and Mapping and Field Concerned

Photogrammetry and Remote Sensing  
Application of Remote Sensing  
Cartography and Geographic Information Engineering  
Geodesy and Survey Engineering  
Global Positioning System  
Integration of 3S  
Database Technology  
Intelligent Transportation  
Technology of Survey and Mapping  
Machine Perception and Virtual Reality  
Geoscience  
Mine Engineering and Technology  
Civil and Architectural Engineering

#### Track 2. Artificial Intelligence and Its Application

Basic Theory of Artificial Intelligence  
Knowledge Representation and Reasoning  
Knowledge Science and Knowledge Engineering  
Evolutionary Learning Machine Learning  
Data Mining and Knowledge Discovery  
Pattern Recognition and Computer Vision  
Neural Networks  
Evolutionary and Genetic Algorithms  
Swarm Intelligence and Optimization  
Soft Computing and Computation Intelligence  
Intelligence Plan and Scheduling  
Heuristic Searching  
Bioinformatics and Artificial Life  
Information Retrieval and Web Search  
Intelligence Control  
Application of Artificial Intelligence  
Bayesian Networks  
Support Vector Machines  
Distributed and Parallel Computing  
Cloud Computing  
Grid Computing  
Parallel Computing  
Human-computer Interaction  
Machine Learning

#### Track 3. Image Processing and Digital Signal Processing

Image quantification and image codes  
Image reconstruction and image enhancement  
Image segmentation and feature extraction  
Image fusion and ultra resolution  
Information hiding and digital watermarking  
Content-based Image Information Retrieval  
Video transmission and analysis  
Remote sensing imagery processing and medicine imagery processing  
Computer applications and related fields  
Image processing in industry and agriculture

#### Track 4. Computer Modeling and Simulation

Applied Mathematics  
Mathematical Modeling  
Computational Mathematics and Its Applications  
Engineering Mathematics  
System Modeling and Simulation  
Science and engineering computing  
Discrete Mathematics and Mathematical Logic  
Optimization techniques and algorithms  
Non-linear calculation  
Mechanics and finite element method  
Systems Science and Systems Engineering  
Control Theory and Applications  
Computational geometry and computer graphics  
Software Engineering

#### Track 5. Talent Education of Survey and Mapping

Computer Aided Instruction  
Distance Education/learning  
Research on Network Education  
Computer Education  
Professional Education

The Proceedings will be published by the IEEE Press and Indexed by Engineering Village.

#### Important Dates:

Paper submission due: Aug. 31, 2009  
Acceptance notification: Sept. 28, 2009  
Conference: Dec. 19-20, 2009

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