

# CALL FOR PAPERS

## The 17<sup>th</sup> International Conference on Advanced Science and Technology

Mid-America Chinese American Professionals Association, USA  
Illinois Institute of Technology, Chicago, Illinois, USA  
Feng-Chia University, Tai-Chung, Taiwan, ROC  
IEEE Communication Society—Chicago Chapter, Illinois, USA  
Lucent Technologies, Naperville, Illinois, USA  
Motorola, Schaumburg, Illinois, USA

## ICAST 2001

Hermann Hall  
Illinois Institute of Technology  
3241 S. Federal Street  
Chicago, Illinois, 60616 USA  
October 6, 2001

### Information Science and Technology

#### Conference Chairs

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The theme of the conference is Information Science and Technology. It emphasizes on the most recent advances in the areas of computer, telecommunication, as well as their applications. In order to encourage closer interaction between the industrial and academic communities, we solicit both research papers and industrial contributions which address the practical issues in the real products. The objective of this conference is to provide a forum for promoting and sharing the evolutionary and revolutionary solutions to problems facing us in the information age. The possible topics include but not limited to:

#### (A) Computer Science and Technologies

Multimedia Technologies  
Database Theory and Systems  
Software Engineering and Quality  
Parallel Processing and Distributed Systems  
Information Compression

#### (B) Telecommunications

Internet Technologies  
Broadband Access and Transmission  
Wireless 3G and 4G  
Communication Software and Tools  
Network Planning and Management

#### (C) Applications of Information Technologies

E-Commerce and M-Commerce  
Construction and Technology  
Bio/Genetic Applications  
Remote Sensing and GIS  
Government Service

Object Oriented Computing  
Knowledge Based Systems  
Human-Computer Interface  
Software Visualization  
Space Information Processing

Network Security  
Switching System Architecture  
Intelligent Network  
Communication Protocols  
Modeling and Simulation

Entertainment  
Business  
Humanities and Social Studies  
Manufacturing  
Health Science

**Panel Discussion:** Panel sessions on important topics will be held in parallel with the paper sessions. Topics may include but not limited to: Network Security, E-Commerce and Next Generation Communication Networks. Organizers please submit panel proposals, including the title, a 150-word scope statement, proposed chair and participants, and the organizer contact details.

#### Information for Authors

The conference language is English and all papers must be written in English. Authors are requested to submit an extended abstract which should be informative, containing (a) a title with names and affiliations of the authors, (b) specific objectives of the study; (c) approaches and methods; (d) a summary of the results; (e) the conclusions. Survey, implementation and experimental research papers are also welcomed. A submission letter must accompany the extended abstract, containing (a) the conference tracks relevant to your paper, (b) mail/e-mail addresses and telephone number of the principal author. Abstracts must be received by **June 15, 2001** Principal authors will be notified of acceptance by **July 15, 2001** and will be given instructions for paper format. Final camera-ready papers must be received by **August 30, 2001** for inclusion in the ICAST Proceedings.

Please submit your electronic or hardcopy of extended abstract to Technical Program Chairs:

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For more information, please visit ICAST 2001 web site at <http://macs.csu.edu/~macapa/icast>