



Emerging Technologies for Sustainable Development

CALL FOR PAPERS

ORGANIZING COMMITTEE

General Chair
Lalit GOEL

Organizing Chair
King Jet TSENG

Technical Program Chairs
Guang-Bin HUANG
Sabu EMMANUEL

Finance Chair
Ping Lam SO

Local Arrangements
Chair
Lekha CHAISORN

Web/Publicity and Tutorials
Chair
Sunita CHAUHAN

Publications Chair
Nithin SALGUNAN

Contact Details:

TENCON 2009 Secretariat
Tel: +65 3125 2071
Fax: +65 6234 1089
Email:
info@tencon2009.org
Website:
www.tencon2009.org

TENCON is a premier international technical conference of IEEE Region 10, also referred as the Asia Pacific Region, comprises of 56 Sections, 5 Councils, 8 Sub-sections, 334 Chapters and 490 student branches. Held annually since 1980, TENCON provides an important forum for researchers and engineers from the industries, and professors and graduate students from the academia to network and to discuss new ideas and development in emerging areas of electrical and electronic engineering, computers science and related topics.

TENCON 2009 will be held in Singapore during November 23-26, 2009. The conference will feature plenary / invited talks by eminent scientists and engineers, tutorials, paper presentations, poster sessions and industrial exhibits. The main theme of the conference is related to novel and innovative technologies that bring about societal changes for good. An interesting feature of this conference is the student design contest being organized in all subject areas relevant to the conference.

The online electronic paper submission will open from 1 April, 2009 and the prospective authors are invited to submit their papers in standard IEEE proceedings format as instructed in the on-line Paper Submission column. TENCON 2009 topics include, but are not limited to:

Power and Energy

Power Generation, Transmission and Distribution
Renewable Energy Sources and Technology
Power System Operation, Control and Protection
Self-Healing Networks
Conservation and Energy Efficient Technologies
Power Electronics

Signal Processing

Media (Text, Speech, Audio, Image, Video)
Processing
Multidimensional Signal Processing
Bio imaging Processing
Image and Video, Coding, Indexing and Retrieval
Array Signal Processing
Pattern Recognition
Blind Signal Processing
Multimedia Security

Circuits and Systems

VLSI System and Applications
Systems on Chip
Analog Circuits and Systems
Digital Circuits and Systems
Consumer Electronics
Nanotechnology
Wireless Communication Circuits and Systems
Design Automation
Optoelectronic Circuits

Networks and Communications

Optical Communications
Wireless Communications
Wired and Wireless Networks

Sensor Networks

Traffic Control
Network Security

Computational Intelligence

Support Vector Machines and Kernel Methods
Neural Networks
Neuroinformatics and Bioinformatics
Fuzzy Logic
Evolutionary Computing

Computing Architectures and Systems

Advance Computer Architectures and Systems
Application Specific Architectures and Systems
Parallel Processor Architectures and Systems
Wearable Computing and Applications
Embedded Architectures
Distributed and Pervasive Systems
Hardware Architectures for AI
Human-Machine Interface
Computer Security

Software and Database Systems

Software Specifications, Architecture, Design, Analysis and Testing
Software Security, Safety and Reliability
Operating Systems and Programming Environments
Distributed System Software and Middleware
Mobile and Embedded System Software
Database and Data Mining
Data Warehousing and OLAP
Management of Streaming Data, Metadata & XML
Database Security

Special sessions, tutorial sessions and industrial exhibits are also solicited on the above mentioned topics. **The Proceedings of TENCON2009 will be included in IEEE Xplore and indexed by ISI Proceedings, EI Compendex.**

IMPORTANT DATES

Online Submission Opens	1 April 2009
Notification of Tutorial Proposals & Special Session Proposal	15 April 2009
Paper Submission Deadline	1 June 2009
Notification of Paper Acceptance	1 August 2009
Camera Ready Paper Submission	15 August 2009
Early Bird & Authors Registration Deadline	1 September 2009