

**2002 IEEE Region 10 Technical Conference on  
Computers, Communications, Control and Power Engineering  
Beijing, China, October 28-31, 2002**

The 2002 IEEE Region 10 Technical Conference on Computers, Communications, Control and Power Engineering, was successfully held on October 28-31, 2002, in China Resource Hotel, Beijing, China. This conference was sponsored by IEEE Region 10; organized by IEEE Beijing Section. This conference also had been cosponsored by:

IEEE Computer Society Beijing Chapter,  
IEEE Communication Society Beijing Chapter,  
IEEE Control System Society Beijing Chapter,  
IEEE Power Engineering Society Beijing Chapter,  
IEEE Power Electronics Beijing Chapter, and  
IEEE Signal Processing Society Beijing Chapter;

And supported by

Chinese Institute of Electronics (CIE),  
Chinese Institute of Communications (CIC)  
China Computer Federation (CCF),  
Chinese Society of Electrical Engineering (CSEE)  
Chinese Association of Automation (CAA)  
China Electro-technology Society (CES)  
Chinese Association for Artificial Intelligence (CAAI)

Prof. Zong Sha, Chairman of IEEE Beijing Section (002-2003) and Prof. Jung U. Seo, Director of IEEE Region 10, from Korea have been the General Co-Chairs of the conference. Prof. Yuan Baozong, from Northern Jiao-Tong University, with 4 Co-Chairs, namely Prof. Tan Tieniu, Prof. Zhong Yunnuo, Prof. Mao jiangqin, and Prof. Zhou xiaoxin, chaired the program Committee.

The topic of the conference was divided into 4 tracks, namely Computer, Communication, Control, and Power Engineering. 710 submissions from more than 23 countries and regions were received. After peer reviewing, 505 papers were accepted for oral presentation. All these papers were included into the conference Proceedings of four volumes, which were delivered to each participant during the meeting. The IEEE Conference Service has accepted the Proceedings in the IEEE Book Broker Program with IEEE Catalog Number: 02CH37368 and ISBN:0-7803-7490-8.

On October 29, 8:30-12:00 AM, opening ceremony and plenary session were held. On the opening ceremony, the conference General Chairman, Prof. Zong Sha delivered an opening speech. On behalf of IEEE Region 10, Mrs. Janina Mazierska delivered a speech at this ceremony.

Among the highlights of the conference were the presentations in the plenary session. The speakers and their subjects were:

- Prof. Guojie Li from the Chinese Academy of Science, he is the Member of the Chinese

Academy of Engineering, and Director of Institute of Computers. The title of his speech was “Grid Computing and Vega Grid”.

- Dr. Kermode from the Sydney Network Research Laboratory (SNRL) in the Motorola Australia Research Center (MARC), Australia, his presentation was on “ the Global Wireless Internet”.
- Prof. Tang Tieniu from Institute of Automation, Chinese Academy of Science, he discussed on “Biometrics for Personal Authentication in the Digital Era”.
- Prof. C.C. Chan from University of Hong Kong, he is Fellow of the Royal Academy of Engineering, U.K., and member of Chinese Academy of Engineering. The title of his speech was “the Challenge and Opportunity of Electric Vehicles in the new century”.

TENCON 2002 had 44 parallel sessions of contributed papers, and were held in 9 session rooms. The subject matter of the papers includes: Computing and Modeling, Multimedia and Virtual Reality, speech and natural language processing, LAN & Access Network, Antenna and Software Radio, Modeling & identification, Computational Intelligent in Control, Power System, Electronics Machines, Text and Video Analysis, Traffic Modeling and Performance Evaluation, Code and decode, Robust Control, Discrete Event Systems and Robotics, System Modeling, power Electronics Machines, data Processing and Storage, Distributed Systems and Agent, Image and Vision Computing, Routing and security, Wireless Systems, Nonlinear Systems, Industrial Automation and Intelligent Traffic Systems, high Voltage Technology and Control System, Information security and Authentication, parallel and Grid Computing, SP technology in Multimedia, optical Communications, Process Control & Instruments Optimal Control, Control Applications, Generators, Data mining and Pattern Recognition, Mobile and Electronic Commerce, distributed Systems and Networks, Artificial intelligence and soft Computing, Power Electronics.

The three days of the conference were filled tightly. On the evening of the first day, all participants and accompanying persons were invited to a reception dinner. On the third day, a farewell banquet was provided. Some artists, singer, and dancers were invited to perform Chinese folk performances at the banquet. The Chinese folk performances and fine food and drinks created a friendly atmosphere. One-day city tour and post conference tour with much choice were provided.

Prepared by Zong Sha  
2003/3/2