

Towards TENCON 2012

Joel S Marciano Jr

IEEE R10 Meeting
Cebu, Philippines
28 February 2010



IEEE

Philippines Section
Established 1975

Republic of the Philippines Section

- Formation Date: 4 December 1974
- Local incorporation: 1975
- Geo Code: R0 00 15



TENCON 2012

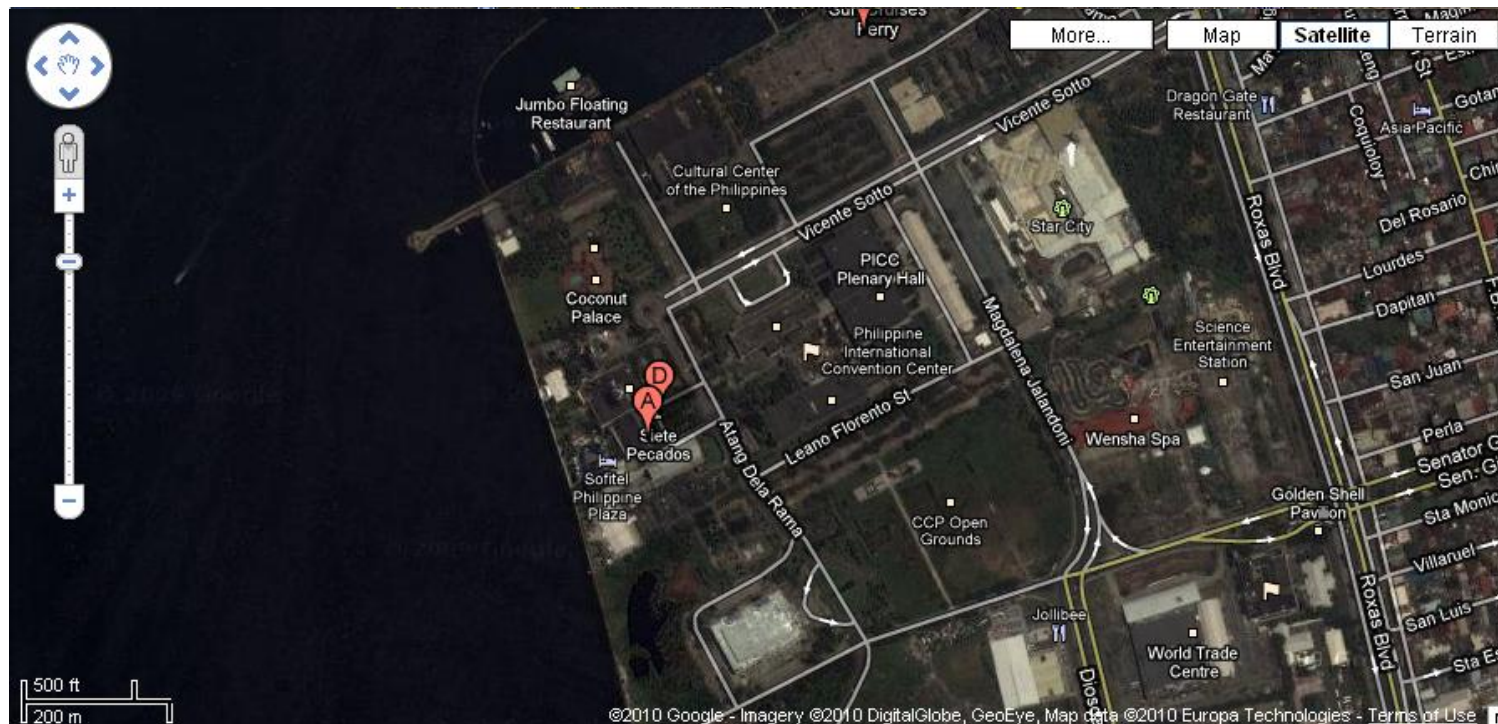
Venue:

Manila, Philippines



Hotel information

- Sofitel Philippine Plaza
- Diamond Hotel Manila



Proposed Dates and Theme

- November 21-24, 2012
(W, Th, Fr, Sa)
- Proposed Theme:
“Humanitarian Technologies for Sustainable Development”



TENCON 2012
November 18 + 21, 2012
Diamond Hotel, Manila, Philippines
<http://www.tencon2012.org>



Humanitarian Technology for Sustainable Development

The IEEE TENCON 2012 is a premier international technical conference of IEEE Region 10 (R10), also referred as the Asia Pacific Region.

The IEEE R10 consists 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 2012 will be held in Manila, Philippines from November 18-21, 2012. 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 addresses the promulgation of innovative information and electronic technologies aimed at the sustainable development of under-served and unserved communities.

TENCON 2012 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	Networks and Communications Optical Communications, Wireless Communications, Wired and Wireless Networks, Sensor Networks, Traffic Control, Network Security
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	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
Circuits and Systems VLSI System and Applications, Systems on Chip, Analog Circuits and Systems, Digital Circuits and Systems, Consumer Electronic, Nanotechnology, Wireless Communication Circuits and Systems, Design Automation, Optoelectronic Circuits	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
Computational Intelligence Support Vector Machine and Kernel Methods, Neural Networks, Neuroinformatics and Bioinformatics, Fuzzy Logic, Evolutionary Computing	

Special sessions, tutorial sessions and industrial exhibits are also solicited on the above mentioned topics. The Proceedings of TENCON 2012 will be included in IEEE Xplore and indexed by ISI Proceedings and the EI.

IEEE REGION 10 CONFERENCE 2012 (IEEE TENCON 2012) <http://www.tencon2012.org>

Committees



- General chair:
 - Prof. Jose B. Cruz, Jr.
- International program committee chair:
 - Prof. Toshio Fukuda
 - Prof. Marcelo H. Ang, Jr.
- Local organizing chairs:
 - Prof. Joel Marciano, Jr. (University of the Philippines)
 - Prof. Elmer Dadios (De La Salle University)

Technical Tracks



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

Computational Intelligence

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

Networks and Communications

Optical Communications, Wireless Communications, Wired and Wireless Networks, Sensor Networks, Traffic Control, Network Security

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

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

“Women in Engineering” special track

Proposed Budget



- **Income**

● Full Registration (150 @ \$450)	\$ 67,500
● Student (150 @ \$200)	\$ 30,000
● Local Sponsorships	\$ 5,000
● Support from Philippines Gov't.	\$ 8,000
● Total Income	\$ 110,500

- **Expenses**

● Venue expenses	\$ 65,000
● Plenary Expenses	\$ 20,000
● Sundry Expenses (Promotion, support staff, proceedings)	\$ 15,000
● Total Expenses	\$ 100,000
● Balance	\$ 10,500

Things to see and do...



Thank you.

Maraming Salamat po.