

ECTI-CON 2010

The Empress Hotel Convention Centre

Chiang Mai, Thailand

19 - 21 May 2010

<http://ecticon2010.org>

ECTI
Association

IEEE
THAILAND SECTION



ECTI-CON 2010 is the seventh annual international conference organized by Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI) Association, Thailand. The conference aims to be an international forum for presentation of technological advances and research results in the field of electrical engineering, electronics, computer, telecommunications, and information technology. Accepted papers will be published in the *Proceedings of ECTI-CON 2010* and will be available via *IEEE Xplore* (IEEE Catalog Number: CFP1006E-ART). Acceptance will be based on quality, relevance, and originality.

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Important Dates

Paper submission	15 January 2010
Notification of acceptance	1 March 2010
Camera ready copy due/ Early bird registration	19 March 2010

Call for Contributed Papers

The annual ECTI-CON is a premier event in the areas of Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology. It will be held during the 19th to 21st May 2010 in Chiang Mai, Thailand. This conference will focus on all topics, including, but not limited to:

Area 1) Circuits and Systems: Analog Circuits, Digital Circuits, Mixed Signal Circuits, Nonlinear Circuits and Systems, Sensing and Sensor Networks, Filters and Data Conversion Circuits, RF and Wireless Circuits, Photonic and Optoelectronic Circuits, Low Power Design and VLSI Physical Design, Bio-medical Circuits, Assembly and Packaging, Test and Reliability, Advanced Technologies (i.e. MEMS and Nano-electronic Devices);

Area 2) Computers and Information Technology: Computer Architecture, Computational Biology and Bioinformatics, Knowledge and Data Engineering, Learning Technologies, Multimedia Services and Technologies, Mobile Computing, Parallel/Distributed Computing and Grid Computing, Pattern Analysis and Machine Intelligence, Software Engineering, Visualization and Computer Graphics;

Area 3) Communication Systems: Communication Theory and Information Theory, Antenna and Propagation, Microwave Theory and Techniques, Modulation, Coding, and Channel Analysis, Networks Design, Network Protocols, and Network Management, Optical Communications, Wireless/Mobile Communications & Technologies;

Area 4) Controls: Control Theory and Applications, Adaptive and Learning Control System, Fuzzy and Neural Control, Mechatronics, Manufacturing Control Systems and Applications, Process Control Systems, Robotics and Automation;

Area 5) Electrical Power Systems: Power Engineering and Power Systems, Electromagnetic Compatibility, Energy Conversion, High Voltage Engineering and Insulation, Power Delivery, Power Electronics, Illumination;

Area 6) Signal Processing: Signal Processing Theory, Digital Signal Processing Algorithms, Digital Filter Design & Implementation, Array Processing, Adaptive Signal Processing, Audio, Speech, and Language Processing, Image Processing, Video Processing, Medical Signal Processing, Medical Imaging; Submissions for oral and poster presentation are invited from researchers, practitioners and students worldwide.

For more information visit the web site <http://ecticon2010.org>

For general inquiry, please contact General co-chair Nipon Theera-Umpon at nipon@ieee.org.

For program inquiry, please contact Program chair Sansanee Auephanwiriayakul at sansanee@ieee.org.