

ECTI – CON 2006

Ubon Ratchathani, Thailand, May 10-13.

Second Call For Paper



ECTI-CON 2006 is the **third** annual international conference organized by Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology (ECTI) association of Thailand. The conference aims to be the premier international forum for presentation of technological advances and research results in the field of electrical engineering, electronics, computer, telecommunications and information technology.

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Keynote Speaker:

Nicholas Shuley, University of Queensland, Australia, Title: "Electromagnetic"
Saykhong Saynasine, National University of Laos, Title: "Trend of IT in Laos"

The program of ECTI-CON 2006 will consist of plenary sessions, invited sessions, special sessions, and regular technical sessions. Topics of interest for submissions include, but are not restricted to:

1. Circuit and Systems: Linear and nonlinear systems, analog circuits, filters, and data conversion, RF and mixed-signal circuits, circuits and systems for communications, low power design & VLSI physical design, high level synthesis and logic synthesis, devices and modeling, MEMS and nano electronic devices
2. Computer and Information: Computer systems and applications, internet technology and applications, computer networks, storage systems and techniques, natural language processing, artificial Intelligence and applications, system software, modeling and simulation, multimedia services and technology
3. Communication Systems: Communication theory, high speed networks, wireless/mobile communications, optical communications, modulation and coding, networks and network protocols, network management and design, microwave technology, antenna and propagation
4. Control Engineering: Control theory and applications, adaptive and learning control systems, fuzzy and neural systems, H-infinity control systems, model and system identification, robust, optimal and nonlinear control, manufacturing control systems, process control systems, control devices and instruments, and robotics
5. Electrical Power: Energy and power systems, electromagnetic compatibility, electric machinery, high voltage and insulation, system design and illumination
6. Signal Processing: Adaptive signal processing, multirate signal processing, array processing, image processing, filter design and realizations, speech processing and coding, video processing and coding, signal processing for communications
7. Other related fields: Educations, IT foresight, IT policy and law, IT/telecommunication management and others

PAPER SUBMISSION Prospective authors are invited to submit original papers, in English, of not more than four (4) pages in standard IEEE two-column format, reporting their research and development results as well as technical application and implementation in the described scopes.

Papers will be accepted only by electronic submission through the conference web site, located at <http://www.ecti.or.th/~ecti-con2006/>. Accepted papers are expected to be presented at the conference.

All papers are peer reviewed.

At least one author of each accepted paper **MUST** register for the conference for the paper to be included in the program.

Important Dates:

- Special Session and Tutorial Proposals **December 31, 2005**
- Notification of Special Session **January 15, 2006**
- Full paper submission due **January 31, 2006**
- Notification of Acceptance **March 15, 2006**
- Conference advance registration due **April 8, 2006**
- Camera-ready paper submission due **April 8, 2006**
- Conference date **May 10-13, 2006**

PROPOSALS FOR TUTORIALS AND SPECIAL SESSIONS Proposal for tutorials must include a title, an outline and its motivation, contact information for the presenter, and a short description of the material to be covered. The special session proposal should include a brief description of the proposed session including (1) Title, (2) Abstract, (3) Full Organizer Name, (4) Short biography of the session organizer, (5) Complete contact information with E-mail address, and (6) List of potential authors who would contribute to the session. Please submit your proposal to the conference secretariat via e-mail at ecti-con2006@ecti.or.th Selected papers will be considered for publication in the special issue of the ECTI Transactions. For further information: <http://www.ecti.or.th/~ecti-con2006/>

