Call for Papers

SCOReD 2008

2008 Regional Student Conference on Research and Development

"Engineers and Research Excellence Culture"

26 to 27 Nov 2008
UNIVERSITI TEKNOLOGI MALAYSIA
Johor Bahru, MALAYSIA

Organized by:

Faculty of Electrical Engineering
Universiti Teknologi Malaysia

IEEE
UTM Student Branch

Sponsor:

IEEE
Malaysia Section

Important Datelines

Submission of full paper: 25 October 2008
Notification of acceptance: 4 November 2008
Submission of final paper: 12 November 2008
Conference registration: 12 November 2008

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Introduction

SCOReD is a series of highly successful Asia Pacific Regional conference focusing on students at higher learning institutions in Electrical Engineering and related fields. The inaugural conference was successfully organized in 2001 by UTM. This was followed by Universiti Teknologi MARA (UiTM), Universiti Putra Malaysia, UiTM and Universiti Kebangsaan Malaysia in 2002, 2003, 2006, and 2007, respectively. The 6th Student Conference on Research and Development is organized by the IEEE UTM Student Branch, Faculty of Electrical Engineering, Universiti Teknologi Malaysia. It will provide a unique platform for the students and researchers; to share their experience and view in their latest research and breakthroughs. It is created upon the ideas to promote Asia Pacific as the centre of Electrical and Electronics excellence in this region and to promote the research and development activities among students and researchers. In accordance with the theme **"Engineers and Research Excellence Culture"**, various inspiring research work carried out by students and researchers will be center-staged in **SCOReD 2008.**

Objective

The conference aims to provide students, academia, engineers, researchers, and industries the opportunity to explore recent developments, current practices and future trends in Computing, Communication, Control, RF and Microwaves, Electronics, Lasers, Engineering Education, Power and Energy, and Women in Engineering. It is hoped that the conference will provide a unique platform for discussing issues and development along with establishing international relationship and exchanging ideas among the delegates.

Scope

The conference seeks papers in all aspects of Law, Science, Math, Education and Management of Electrical and Electronic Engineering.

Technical Tracks:

A. Communication

- Communication and Networks
- Image and Speech Processing
- Security

B. Computing

- Artificial Intelligence and Fuzzy Systems
- Microprocessor
- Optimization Techniques
- Soft Computing, Parallel Processing

C. Control and Robotics

- Manufacturing Technology & Management
- Mechatronics and Sensors
- Process Control
- Robotics, Automation and Instrumentation

D. Electronics and Circuits

- Biomedical
- Consumer and Industrial Electronics
- Microelectronics, MEMS Technology
- Nanotechnology
- Signal Integrity and Processing

E. Lasers and Optics

- Optical Devices
- Photonics and Terahertz
- Radio over Fibre

F. Power and Energy

- Computer and AI Applications
- Distributed Generation, Fuel Cells and Renewable/Sustainable Energy
- Electrical Machines and Drives
- Power Electronic, Devices and Applications
- Power System and Power Quality

G. RF and Microwaves

- Aerospace and Satellite
- Antenna and Propagation
- Audio, Acoustics, SONAR and RADAR
- EMI/EMC
- RF and Microwave Engineering

H. Women in Engineering

- Electrical Engineering Awareness
- Role and Importance
- Student Achievement
- Women Engineers Achievement

I. Engineering Education

- Assessment and Evaluation
- Curriculum and Course Development
- Industrial Training
- Lab/Project/Thesis Supervision
- Outcome Based Education
- Technical and Generic Skills

J. Others

Participations

All 2008 graduates, postgraduates (PG), undergraduates (UG), academicians, researchers, engineers and managers from Institutes of Higher Learning, research institutions, utility companies and various industries are welcome to participate.

Submission of Full Paper

Authors are invited to submit full paper of significant findings of research and development work to the conference secretariat. Online: **conf.fke.utm.my/scored2008/openconf.php**. All accepted papers must be presented in order to be published in the conference proceedings and listed in the IEEE Explore. Each submitted paper must be registered and presented by one author, for inclusion in the conference Proceedings. Undergrad presentations will be in Poster only.

Registration Fees

Category	Local Participant	Overseas Participant
Postgraduate IEEE Student	RM 550	USD 230
Postgraduate Non-IEEE Student	RM 650	USD 280
*Undergraduate IEEE Student	RM 150	USD 80
*Undergraduate Non-IEEE Student	RM 200	USD 100
IEEE Member	RM 800	USD 350
Others	RM 950	USD 450

Full registration fees includes conference bag and materials, refreshments, lunch, Opening Ceremony, Plenary Session, Invited Paper Sessions, Technical sessions, CD proceedings, Conference Dinner, Exhibition and Short Course.

*Undergraduate registration fees includes conference folder and materials, refreshments, lunch, Opening Ceremony, Plenary Session, Invited Paper Sessions, Technical sessions, CD proceedings, Conference Dinner, Exhibition and Short Course.

All **2008 Graduates** are eligible for Student rates.

Conference Highlights

- Plenary Session and Keynote Presentations
- Invited Paper Presentations
- IEEE Malaysia Section Forum
- Opening Ceremony and Conference Dinner
- Best Paper Awards, Best Poster Awards
- Parallel Technical Sessions: Regular, PGs
- Half-day Short Courses
- Undergraduate Poster Presentations

Contact

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