

Call for Paper

ICED 2014 is dedicated to cutting edge research that addresses scientific needs of academic researchers and industrial professionals to explore new horizons of knowledge on various electronics, communications and computer related fundamentals and applications. ICED 2014 is scheduled to include high-quality paper presentation sessions revealing the latest original unpublished research findings, and to engage participants in interesting discussion sessions.

Authors are invited to submit full papers describing original research work. Areas of interest include, but are not limited to the topics listed in the conference scope.

ICED 2014 is officially technically co-sponsored by **IEEE Malaysia Section Circuit and System Chapter** and **IEEE Malaysia Section Signal Processing Chapter**. Hence ICED 2014 proceeding is expected to be published in **IEEE Xplore** and **indexed by SCOPUS** as well as planned to be included in other Abstracting and Indexing (A&I) databases.

In addition, ICED 2014 is endorsed by **Board of Engineers Malaysia (BEM)**, hence participants will received **12 Professional Development Programme (PDP)** credits towards their professional career development. Selected extended papers will be published in **SCOPUS indexed ARPN Journal of Engineering and Applied Sciences (ISSN 1819-6608)**. Awards will be given to **three (3) best papers**.

School of Computer and Communication Engineering in collaboration with School of Microelectronics Engineering, UNIMAP is pleased to announce that we will be hosting the 2nd International Conference on Electronics Design (ICED) 2014 on 19th to 21st August 2014 in the beautiful city of Penang, Malaysia.

The 2nd International Conference on Electronics Design (ICED) 2014 is a sequel to the previous conference successfully held in 2008. Its aim is to provide a platform to professionals, researchers, academicians and industries to share and generate interest in cutting-edge applications, challenges and issues in the area of Electronics Systems Design for Next Generation Technologies. The theme of the conference has been chosen in view of the revolution and rapid developments in the field of electronics and communication design. This conference will focus on future technologies, including Information and communication technology (ICT), green computing/communication technology, nanotechnology, biomedical/e-health technology, multimedia technology, mobile and wireless communication technologies, wireless sensor networks, system-on-chip (SOC) technology and embedded computing technology. There will be special technical sessions devoted exclusively to Green Technology. - A new era for electronics that explores the ability of embedded circuits and systems to positively impact the environment. Examples areas include designing energy efficient VLSI circuits, improving the efficiency of energy hungry applications such as data centers, green communications including energy efficiency of communications as well as communications technologies for other green solutions such as smart grids, green buildings, green logistics and using integrated circuits or embedded systems to leverage novel green technologies.



INTERNATIONAL CONFERENCE ON ELECTRONICS DESIGN 2014

Theme :
Electronics System Design
for Next Generation
Technologies

Date :
Aug 19-21 2014

Venue :
Hotel Equatorial
Penang, Malaysia



UNIMAP



IEEE



CAS

IEEE Malaysia
Signal Processing Society





Scopes

Network Embedded Systems
 Wireless Sensor Network
 Artificial Intelligence
 Information Security and Cryptography
 Telecommunication
 Software Engineering & Reliability
 Hardware & Architecture
 Operating System
 Vision System
 Robotic Applications
 Control System
 Biomedical & e-Health Systems
 VLSI
 System On Chip
 Wireless Communications
 Wireless Networking
 Mobile Device, Platform and Applications
 Peer-to-Peer Networking and Cloud-Based Content Distribution
 Multimedia Networking, Services and Applications
 Smart Spaces and Sensor Networks
 Security, Content Protection and DRM
 Green Communications and Computations
 Intelligent and Emotion-oriented Computing
 3D Imaging, Processing, Communication and Display
 Embedded Computing
 Electromagnetic Field Theory
 Optical Communications and Systems
 Vehicular Network and Communication Technology
 Biomedical Signal Processing
 Microelectronics Fabrication
 MEMS and NEMS
 IC Design
 Electronic Fabrication
 Testability and Reliability

Important Dates

Date of the Conference :
19th-21st August 2014

Full Paper Submission Deadline :
1st June 2014

Notification of Acceptance :
10th June 2014

Early Bird Registration/Camera Ready
Submission :
1st July 2014

Normal Registration :
19th July 2014

Fees

	USD (Participant from outside Malaysia)		RM	
	IEEE Member	Non-Member	IEEE Member	Non-Member
Normal	450	500	1300	1400
Early Birds	400	450	1150	1250
Student	250	300	500	550
Half Day tutorial	100	100	150	150
Tutorial (Student)	100	100	150	150
Participant (No paper)	300	300	500	500

Conference registration and payment will be through EDAS system.
 For further information please refer to the following link:
<https://edas.info/newPaper.php?c=16773>

Keynotes

Keynote 1

Speaker : To be confirmed
 Title : To be confirmed
 Affiliation: To be confirmed

Keynote 2

Speaker : Prof. Dr. Tharek A. Rahman
 Title : Evolution towards 5G Mobile
 Communication which enables
 Networked Society
 Affiliation: Faculty of Electrical Engineering,
 Universiti Teknologi Malaysia

Tutorial Session

Morning Session

Time : 9.00 am—12.00pm
 Speaker : Prof. Dr. Mohd Adzir Mahdi
 Institution : Universiti Putra Malaysia
 Title : Photonic Amplifiers and Lasers

Afternoon Session

Time 2.00 pm—5.00pm
 Speaker : Mr. Joseph Ke Kian Seng
 Institution : Infineon Technologies
 Title : Semiconductor Devices

Contact Us

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