

## 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 ICED 2014 is scheduled to include high-quality paper presentation sessions revealing the latest original unpublished research findings, and to engage participants in interesting discussion sessions.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 includes, 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 approved by **Board of Engineers Malaysia (BEM)**, hence participants will received **12 Professional Development Programme (PDP)** credit 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 Electronic Design (ICED) 2014 on 19th to 21st August 2014 in the beautiful city of Penang, Malaysia.

The 2nd International Conference on Electronic Design (ICED) 2014 is a sequel to the previous conference successfully held in 2008. Its aim 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 themes of the conference have 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



LEMBAGA  
JURUTERA  
MALAYSIA



## Scope

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 May 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	175	200	500	550
Tutorial (Student)	100	125	250	300
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>

## Keynote

### 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 enable  
 Networked Society  
 Affiliation: Faculty of electrical engineering,  
 UniversitiTeknologi 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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