

# RSM 2017

## 2017 IEEE REGIONAL SYMPOSIUM ON MICRO AND NANOELECTRONICS



We are pleased to invite you to Penang, Malaysia for the 11<sup>th</sup> 2017 Regional Symposium on Micro and Nanoelectronics (RSM). This bi-annual technical conference since 1997 aims at bringing together researchers from industry and academia to gather and explore various issues and trends in the field of semiconductor electronics. This is the 11<sup>th</sup> RSM organized by the Electron Devices Chapter of IEEE Malaysia Section and technically co-sponsored by the IEEE Electron Devices Society. Over the last eighteen years, RSM conference series has become the prominent international forum on semiconductor electronics embracing all aspects of the semiconductor technology from circuit device, modeling and simulation, photonics and sensor technology, MEMS technology, process and fabrication, packaging technology and manufacturing, failure analysis and reliability, material and devices and nanoelectronics. Registered and presented paper will be submitted for inclusion in IEEE Xplore database.

**23-25  
AUGUST 2017**

**PENANG,  
MALAYSIA**

### AREA OF INTEREST

The major areas of activity in the development of Semiconductor Electronics solicited and expected at this conference include but are not limited to:

#### Cluster 1 : MEMS & Nanoelectronics

- ▶ MEMS/ NEMS
- ▶ Device Modeling & Simulation
- ▶ Nanoelectronics
- ▶ Device Physics & Characterization
- ▶ Semiconductor Sensor

#### Cluster 2 : Nanophotonics

- ▶ Opto-electronics & Photonics Technology
- ▶ Microwave Device and MMIC

#### Cluster 3 : IC Design & Manufacturing

- ▶ IC Packaging & Testing
- ▶ Reliability and Failure Analysis
- ▶ Semiconductor Manufacturing & Process
- ▶ VLSI Design

#### Cluster 4 : Material, Process & Product

- ▶ Process Technology (CMOS, Bipolar, BiCMOS, GaAs, etc)
- ▶ Microelectronics Application in Product Development
- ▶ Electronics Materials & Device Fabrication

### CONFERENCE STUDENT TRAVEL GRANT & AWARDS

**Best presenter by cluster**  
**Best papers by cluster**  
**Conference Student Travel Grant -**

The grant is meant to support students to come to the conference and present their papers.

Student selected from the grant will receive RM300.

Check our website for further information.  
<http://ieeemalaysia-eds.org/rsm2017/>

### IMPORTANT DATES

MAY 31	Initial Full Paper Submission
JUNE 30	Notification of Acceptance
JULY 15	Final Paper Submission
JULY 15	Early Registration Deadline
JULY 31	Registration Deadline
AUG 23-25	Conference Date

<http://ieeemalaysia-eds.org/rsm2017/>

### KEYNOTE SPEAKER



**Professor Ru Huang**  
Peking University,  
Institute of Microelectronics  
Beijing, China



**Professor El-Sayed Negim**  
Kazakh-British Technical  
University (KBTU), School of  
Chemical Engineering  
Almaty, Kazakhstan



**Professor Ibrahim Ahmad**  
Department of Electronics  
and Communication  
Engineering Universiti  
Tenaga Nasional (UNITEN)



**Mr. Fakhrozi Che Ani**  
Senior Advanced  
Technology Engineer,  
R&D, Asian Region,  
Jabil Circuit Sdn Bhd,  
Penang, Malaysia.

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