

# Technical Interchange Meeting for ASEAN Region Basic Research (TIM ASEAN 2017)

Date: 23 – 24 March 2017

Venue: Multi-Purpose Hall (MPH), Ground Floor  
Block KB, Sungai Long Campus  
Universiti Tunku Abdul Rahman (UTAR), Malaysia



Jointly organized by



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## Programme

## General Information

Technical Interchange Meeting for ASEAN Region Basic Research (TIM ASEAN 2017) provides a forum for universities / research institutes in the ASEAN region to present their recent research activities / capabilities, and to foster research collaboration on topics of mutual interest globally.

### **22 March 2017 (Wednesday)**

Arrival of participants. Check-in to hotel.

### **23 March 2017 (Thursday)**

08:00 – 09:00 Gather at Mid Valley Cititel Hotel, Kuala Lumpur Lobby at 08:00 for transportation to UTAR Sungai Long campus

09:00 – 09:15 Registration and Group Photo Taking

### **Opening Ceremony**

09:15 – 09:30 Welcome Remarks by Organizers: Ir. Prof. Academician Dato' Dr Chuah Hean Teik (UTAR) and Dr Seng Hong (AOARD)

### **Technical Session 1**

09:30 – 10:00 AOARD Overview by Lt Col. Kris Ahlers, PhD (Asian Office of Aerospace Research & Development, Tokyo Office)

10:00 – 10:30 ONRG Overview by Dr Ming-Jen Pan (Office of Naval Research Global, Tokyo Office)

10:30 – 11:00 ITC-PAC Overview by Dr Chris Drew (International Technology Center – Pacific, Tokyo Office)

11:00 – 11:15 Morning Break

## Technical Session 2

11:15 – 11:30 Prof. Dr Ramesh T. Subramaniam, University of Malaya, Malaysia

11:30 – 11:45 Prof. Chew Yong Tian, National University of Singapore, Singapore

11:45 – 12:00 Prof. Pankaj Kumar Choudhury, Universiti Kebangsaan Malaysia, Malaysia

12:00 – 13:30 Lunch Break at nearby restaurants

## Technical Session 3

13:30 – 13:45 Dr Pg Emeroylariffion Pg Abas, Universiti Brunei Darussalam, Brunei

13:45 – 14:00 Prof. Ir. Dr Ong Kok Seng, Universiti Tunku Abdul Rahman, Malaysia

14:00 – 14:15 Prof. Fitri Yuli Zulkifli, Universitas Indonesia, Indonesia

14:15 – 14:30 Dr Cho Win Maw, Myanmar Engineering Council, Myanmar

14:30 – 14:45 Prof. Ricky Lay-Kee Ang, Singapore University of Technology and Design, Singapore

14:45 – 15:00 Prof. Monai Krairiksh, King Mongkut's Institute of Technology, Thailand

15:00 – 15:15 1<sup>st</sup> Afternoon Break

## Technical Session 4

15:15 – 15:30 Dr Nguyen Huy Thuan, Duy Tan University, Vietnam

15:30 – 15:45 Dr Mohd Rashdan Saad, Universiti Pertahanan Nasional Malaysia, Malaysia

15:45 – 16:00 Mr Sokchea Kor, Royal University of Phnom Penh, Cambodia

16:00 – 16:15 Dr Khairul Adzfa Radzun, Universiti Teknologi MARA, Shah Alam, Malaysia

16:15 – 16:30 Dr Tin Myat Htwe, University of Computer Studies, Yangon, Myanmar

16:30 – 16:45 2<sup>nd</sup> Afternoon Break

## Technical Session 5

16:45 – 17:00 Dr Raja Kamarulzaman Bin Raja Ibrahim, Universiti Teknologi Malaysia, Malaysia

17:00 – 17:15 Prof. Ye Chan, University of Yangon, Myanmar

17:15 – 17:30 Prof. Franco G. Teves, MSU-Illigan Institute of Technology, Philippines

17:30 – 17:45 Dr Aung Myoe, West Yangon Technological University, Myanmar

17:45 – 18:00 Assoc. Prof. Ir. Dr Zuhairi Baharudin, Universiti Teknologi Petronas, Malaysia

18:00 Transport back to Mid Valley Cititel Hotel, Kuala Lumpur

## **24 March 2017 (Friday)**

08:00 – 09:00 Gather at Mid Valley Cititel Hotel, Kuala Lumpur Lobby at 08:00 for transportation to UTAR Sungai Long campus

## Technical Session 6

09:00 – 09:15 Prof. Win Zaw, Yangon Technological University, Myanmar

09:15 – 09:30 Dr Chan Yee Kit, Multimedia University, Malaysia

09:30 – 09:45 Dr Somsanouk Pathumvanh, National University of Laos, Laos

09:45 – 10:00 Assoc. Prof. Dr Chang Yoong Choon, Universiti Tunku Abdul Rahman, Malaysia

10:00 – 10:15 Prof. Maria Carla Manzano, De La Salle University, Philippines

10:15 – 10:30 Dr Fakhrol Zaman Rokhani, Universiti Putra Malaysia, Malaysia

10:30 – 10:45 Morning Break

## Technical Session 7

10:45 – 11:00 Prof. Zaiki Awang, Universiti Teknologi MARA (UiTM), Malaysia

11:00 – 11:15 Dr Nam Tuan Phuong Le, Ton Duc Thang University, Vietnam

11:15 – 11:30 Dr Or Chanmoly, Institute of Technology of Cambodia, Cambodia

11:30 – 11:45 Dr Kittisak Phaebua, King Mongkut's University of Technology North Bangkok, Thailand

11:45 – 12:00 Prof. Enrique Manzano, De La Salle University, Philippines

12:00 – 14:30           **Lunch Break at nearby restaurants**

## Technical Session 8

14:30 – 14:45 Dr Ei Ei Khin, Thanlyin Technological University, Myanmar

14:45 – 15:00 Prof. Ir. Dr Rajkumar a/l Durairaj, Universiti Tunku Abdul Rahman, Malaysia

15:00 – 15:15 Dr Marin Meas, Pannasastra University of Cambodia, Cambodia

15:15 – 15:30 Assoc. Prof. Dr Raja Syamsul Azmir Raja Abdullah, Universiti Putra Malaysia Malaysia

15:30 – 15:45 Dr Noran Azizan Cholan, Universiti Tun Hussein Onn, Malaysia

15:45 – 16:00 Dr Azam Che Idris, National Defence University of Malaysia, Malaysia

16:00 – 16:15 Dr Noor Fitrah Abu Bakar, Universiti Teknologi MARA (UiTM), Malaysia

16:15 – 16:30 Prof. Marimuthu Palaniswami (Guest Speaker), University of Melbourne, Australia

16:30 – 16:45 Grants.gov (US Basic Research Grant application process) by Mr Kentaro Minagawa (AOARD)

16:45 – 17:15 Group Discussion / Q & A: Dr Seng Hong (AOARD)

17:15 – 17:30 Closing Remarks by Organizers: Prof. Ir. Dr Ewe Hong Tat (UTAR) and Dr Seng Hong (AOARD)

17:30 – 17:45           **Refreshment**

17:45               Transport back to Mid Valley Cititel Hotel, Kuala Lumpur

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### **TIM Organizing Members:**

Ir. Prof. Academician Dato' Dr Chuah Hean Teik, President UTAR and President AAET  
Prof. Ir. Dr Ewe Hong Tat, Vice President, UTAR  
Prof. Ir. Dr Lee Sze Wei, Vice President, UTAR and Secretary General AAET  
Prof. Dr Faiz bin Abd Rahman, Director, Institute of Postgraduate Studies and Research, UTAR

### **TIM Secretariat (Email: [timasean2017@gmail.com](mailto:timasean2017@gmail.com))**

Ms Tan Poh Lan, UTAR  
Ms Poon Jia Ci, UTAR

### **About UTAR ([www.utar.edu.my](http://www.utar.edu.my))**

Universiti Tunku Abdul Rahman (UTAR) was officially launched on 13 August 2002 as a not-for-profit private university providing affordable quality education. It is established under the UTAR Education Foundation and registered under the Malaysian Private Higher Educational Institutions Act 1996.

Guided by its vision to be a global university of educational excellence with transformative societal impact, UTAR is highly reputed as one of the fastest growing private higher education institutions in the country with phenomenal growth in all aspects of its development since its inception. With the first intake of only 411 students in its Petaling Jaya campus in 2002, the University's enrolment has now reached 26,000 students with campuses located in Kampar, Perak and Bandar Sungai Long, Selangor.

UTAR has graduated over 45,000 students since its inaugural convocation in 2005 and has made impressive strides in establishing a strong reputation as a comprehensive University with dedication to achieving excellence in teaching and research. The University currently offers more than 110 academic programmes from Foundation Studies to Bachelor's, Master's, and PhD degrees in the fields of Accounting, Business and Economics, Actuarial Science, Mathematics and Process Management, Agriculture and Food Science, Arts, Social Sciences and Education, Creative Industries and Design, Engineering and Built Environment, Information and Communication Technology, Life and Physical Sciences, and Medicine and Health Sciences.

### **About AAET (<http://aaet-asean.org>)**

ASEAN Academy of Engineering and Technology (AAET) was founded in 2004 and registered with the ASEAN Secretariat as an ASEAN Secretariat-affiliated Civil Society Organization (CSO) in 2007.

AAET's main objective is to contribute combined intellect and experience of its members in academia, government and industry for the economic advancement of the ASEAN region and its people in sustainable manner.

The members of AAET are eminent engineers and technologists from the ten ASEAN member states. Currently, the AAET membership is constituted of 2 Honorary Fellows, 10 Senior Fellow, 135 Fellows, 5 Foreign Fellows and 44 Associate Fellows.

In the past few years, AAET had initiated various programs and activities to increase the awareness on the importance of science, technology and innovation (STI) in the ASEAN region, as well as assisting in promoting the socio-economic development and enhancing the competitiveness of the ASEAN member states. These programs or activities include:

- International Energy Conference (IEC);
- Annual AAET-NAEK Engineering Forum and Roundtable Meeting;
- Annual Green Award;
- Quarterly Distinguished Lecture on promoting the young Technopreneurship and regional sustainable development;
- Annual Engineering, Science, Technology & Innovation (ESTI) Design/Essay Competition;
- Annual Kuala Lumpur Engineering Science Fair (KLESF);
- Creating an innovative culture for the young generation in ASEAN region.

In order to expedite the implementation of various programs and activities, AAET has also fostered closer cooperative relationship with various engineering organizations, chambers of commerce and NGOs. These include: ASEAN Federation of Engineering Organizations (AFEO), Academy of Science Malaysia (ASM), Malaysia-China Chamber of Commerce (MCCC), Myanmar Engineering Society (MES), Institution of Engineers Indonesia (PII), Vietnam Union of Science & Technology Associations (VUSTA), Lao Union of Science & Technology Associations (LUSEA), Institution of Engineers Malaysia (IEM), Board of Engineers Cambodia (BEC), Royal Academy of Cambodia (RAC), Chinese Academy of Engineering (CAE), Engineering Academy of Japan (EAJ), National Academy of Engineering Korea (NAEK), African Academy of Engineering & Technology (African AET) and others.