

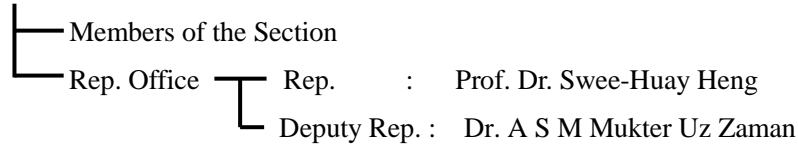
## Annual Activity Report of IEICE Malaysia Section

Date of Report : 25 January 2019

Reporter : Prof. Dr. Swee-Huay Heng (Multimedia University)

### 1. Organization

Assembly of the Section



### 2. Strategy of the Section

- Establish linkages and collaboration through joint events with IEICE Societies, IEICE local and international sections, and other potential collaborators
- Foster member engagement through regular section meetings, discussions and other activities
- Encourage publications in IEICE Transactions and IEICE Proceedings and the use of I-Scover

### 3. Membership Development Policy

- Conduct membership recruitment drive periodically in conjunction with IEICE events
- Send notice of call for new IEICE members to universities in Malaysia through university representatives

### 4. Results of Activities During the 2017/2018 Fiscal Year (April 2017 ~ March 2019)

#### 4.1 Conference/Symposium/Workshop

- The inaugural *IEICE Workshop on Cryptography and Information Security* has been conducted successfully on 15 December 2017 at Multimedia University, Melaka. The workshop was jointly organized by IEICE Malaysia Section and Multimedia University. This workshop featured 6 invited talks focusing on the state-of-the-art and current research trend in Cryptography and Information Security, in particular the sharing on recent research topics such as cryptocurrency/bitcoin/blockchain technology, GPGPU, and searchable encryption.
- The Invited Speakers:
  1. Dr. Muhammad Reza Z'aba, Researcher, Malaysian Institute of Microelectronic Systems (MIMOS)
  2. Dr. Geong Sen Poh, Researcher, Malaysian Institute of Microelectronic Systems (MIMOS)
  3. Dr. Jiqiang Lu, Scientist, Institute for Infocomm Research (I2R), Singapore
  4. Dr. Raphael Phan, Professor, Multimedia University (Cyberjaya)
  5. Dr. Wei-Chuen Yau, Associate Professor, Xiamen University Malaysia
  6. Mr. Wai Kong Lee, Universiti Tunku Abdul Rahman, Malaysia
- The workshop received overwhelming response from a few institutions and organizations and was attended by about 40 researchers working in information security related areas. The main participations are from Malaysian Institute of Microelectronic Systems (MIMOS), CyberSecurity Malaysia, Universiti Putra Malaysia (UPM), Universiti Teknikal Malaysia (UTeM), International Islamic University Malaysia (IIUM), and Multimedia University (MMU).
- Prof. Heng also briefed the participants on the establishment of IEICE Malaysia Section and shared the benefits of the IEICE membership.

#### 4.2 IEICE Sponsored Lecture (Including Participant Number)

- N/A

#### 4.3 The Other Events in Collaboration with IEICE Hqs or Domestic Sections, if Available

- N/A

#### 4.4 Improvement of the Section (Membership Evolution, Advertisement of Activities, Publication, etc.)

- Details and regular updates on IEICE Malaysia Section have been posted on IEICE Malaysia Section Website (<https://ieicemalaysia.org/>). This includes introduction of the Section, IEICE membership and its benefits, updates on recent activities, etc.

### 5. Review and Future Plan

#### (1) Items in 2018 Fiscal Year Plan Which Could Not Be Achieved, and Expected Solution

- Organizing a General Meeting for Fiscal Year 2017-2018: to conduct in 2019

**(2) Activity Plan in 2019 Fiscal Year**

- To call for a General Meeting for 2019 Fiscal Year
- To organise the 2<sup>nd</sup> IEICE Workshop on Cryptography and Information Security
- To conduct a one-day event for the IEICE members to know about the recent trends on development of communication system for monitoring smart plantation/precision agriculture
- To organize joint academic talk(s) with other society or organization

**6. Constructive Opinion/Request/Proposal**

- Encourage collaboration and interaction among local sections and international sections
- Regular update from IEICE with latest list of members and contact details will be helpful