



IEEE

IEEE Malaysia Section Newsletter

JAN – MAR, 2017

<http://www.ieeemy.org/mysection>



IEEE REGION 10 CONFERENCE (TENCON) 5th - 8th November 2017 | Penang, Malaysia



Bridging the Gap

IEEE Malaysia Section Newsletter: Q1 / Jan – Mar, 2017



IEEE

IEEE Malaysia Section Newsletter

JAN – MAR, 2017

<http://www.ieeemy.org/mysection>

Table of Contents

From Editor, Chair and Past Chair	3
27 th IEEE Malaysia Section AGM, Dinner and Award Night	4
2017 IEEE Malaysia Section Leadership Camp	6
2017 Student Leadership Camp	7
Region 10 Annual General Meeting	9
Meeting with IEM	10
IEEE Sarawak Subsection	11
Chapters Activities <ul style="list-style-type: none"> - IEEE AP/MTT/EMC Joint Chapter - IEEE Malaysia ComSoc/VTS Joint Chapter - IEEE Penang EDS/MTT-S/SSCS Joint Chapter - IEEE Education Society Malaysia Chapter - IEEE Engineering in Medicine & Biology Society (EMBS) - IEEE Power and Energy (PES) - IEEE Photonics Society (PS) Malaysia Chapter - IEEE Robotics and Automation Society (RAS) - IEEE Signal Processing Society (SPS) - IEEE Technology and Engineering Management Society (TEMS) - IEEE Dielectrics and Electrical Insulation Society (DEIS) - IEEE Oceanic Engineering Society (OES) - IEEE Computational Intelligence Society (CIS) - IEEE Control System Society (CSS) - IEEE Electron Device Society (EDS) - IEEE Circuit and System Society (CASS) 	12
Student Branch Activities <ul style="list-style-type: none"> - IEEE Universiti Teknologi Mara (UiTM) Student Branch - IEEE Universiti Putra Malaysia (UPM) Student Branch - IEEE Universiti Malaya (UM) Student Branch - IEEE Universiti Sains Malaysia (USM) Student Branch - IEEE Monash University – Sunway Campus Student Branch 	29
Conferences <ul style="list-style-type: none"> - TENCON 2017 - ICSET 2017 - RFM 2017 - MICC 2017 - Prime Asia 2017 - ICORAS 2017 - CENCON 2017 - ICSIPA 2017 	34



IEEE Malaysia Section Newsletter

Message From the Editor

The first edition of 2017 IEEE Malaysia Section newsletter covers activities which have been conducted between month of January to March, 2017. Section activities include the 27th AGM, dinner and award night, leadership camp and strategic meeting as well as student leader camp. We also received 16 reporting articles from Technical Chapters and 5 reporting articles from Student Branches. Happy Reading!

Rosmiwati Mohd Mokhtar, Editor – IEEE Malaysia Newsletter



Foreword From 2017 IEEE Malaysia Section Chair

On behalf of the newly elected executive committee members, I welcome you to the first edition of IEEE Malaysia Section Newsletter of 2017. As in the previous years, we plan to have quarterly newsletters to report activities run by the Section as well as Chapters, Affinity Groups and Student Branches. This year, apart from reporting local activities, we are also looking to publish technical articles in the newsletter. For this, we welcome contributions from all IEEE members. IEEE Malaysia Section has been one of the most active sections in Region 10 in terms of activities conducted for members. It is our goal to continue to be active and informative, and we hope that continuous exposure of our activities will not only benefit the members, but also attract new members to IEEE. We hope you enjoy our newsletters.

Mohammad Faizal Ahmad Fauzi

Chair IEEE Malaysia 2017



Foreword From IEEE Malaysia Section Past Chair

As of 14th January 2017, I have completed my two years term as Chair of IEEE Malaysia. I would like to thank all Section Excom 2015-2016 for their commitment and support in planning and execution of our activities. A big thank you to all IEEE members in Malaysia and hope you will give the same support to the new chair, Dr. Mohammad Faizal and his team.

Zuhaina Zakaria

Chair IEEE Malaysia 2016



IEEE Malaysia Section Newsletter

2017 IEEE Malaysia Section AGM

Reported by Rosmiwati Mohd Mokhtar
rosmiwati@gmail.com

IEEE Malaysia Section 27th Annual General Meeting

JANUARY 2017 has opened up its window with promises that many more interesting and informative activities will be planned for IEEE Malaysia Section. On 14th January 2017, Malaysia Section has conducted its 27th Annual General Meeting (AGM) which was held at the Grand Bluewave Hotel, Shah Alam Selangor, Malaysia. The event started with some technical chapters also conducted their chapter AGM. More than half of the 24 technical chapters from Malaysia conducted their AGM on that day. The Malaysia Section AGM which come later has seen positive commitment from IEEE members that attended the meeting. During the event, progress and performance of Malaysia Section in terms of retaining membership and preparation in regards to GST regulations has been discussed. Activities and financial statement were also informed by the secretary and treasurer, respectively. Next, the 2016 Executive Committee was resolved and the nomination and vote for 2017 executive committee was commenced.



27th IEEE Malaysia AGM in progress



Members casting their votes

2017 Executive Committee

Congratulations to the new line up of IEEE Malaysia Section Executive Committees !!!

Chair:	Mohammad Faizal Ahmad Fauzi
Vice Chair:	Fawnizu Azmadi Hussin
Past Chair:	Zuhaina Zakaria
Secretary:	Haidawati Mohamad Nasir
Treasurer:	Zuriati Janin
Excom:	
	Lee Yoot Khuan
	Noor Ain Kamsani
	Nordin Ramli
	Rosmiwati Mohd Mokhtar



2017 IEEE Malaysia Executive Committees

IEEE Malaysia Section Newsletter

IEEE Malaysia Section Dinner and Award Night

Reported by Rosmiwati Mohd Mokhtar
rosmiwati@gmail.com

IEEE Malaysia Section Dinner & Award Night

The event ended with exclusive dinner at the same place where the AGM being held in the morning. During the dinner, special awards were delivered by Malaysia Section. Those awards were

Best Chapter Award 2016:

- 1) IEEE Malaysia Communication Society & Vehicular Technology Joint Chapter (ComSoc/VT)
- 2) Signal Processing Society (SP)
- 3) Power and Energy Society (PES)

Best Student Branch Award 2016:

- 1) University of Curtin-Sarawak Student Branch
- 2) Universiti Sains Malaysia (USM) Student Branch
- 3) Universiti Kebangsaan Malaysia (UKM) Student Branch

Outstanding Volunteer Award 2016:

Mohd Pauzi Abdullah – IEEE Malaysia Section SAC Chair 2012-2015

Outstanding Student Volunteer Award 2016:

- 1) Ali Najah Al-Shamani – UKM SB, IEEE Malaysia Section SSR 2016, R10 SAC
- 2) Fatimah Abd Rahman – UPM SB Chair 2016, R10 SAC
- 3) Ashen Gomes – UPM SB, IEEE Malaysia Section SSR 2016

Outstanding WIE Volunteer Award 2016:

Saveethya Sivakumar – Monash SB

Congratulations to all the award winners. The awards significantly shown the appreciation made by the Malaysia Section to all the volunteers that have demonstrated outstanding performance in their respective field.

C
O
N
G
R
A
T
U
L
A
T
I
O
N
S
!!!



IEEE Malaysia Section Newsletter

2017 Leadership Camp

Reported by Lee Yoot Khuan
leeyootkhuan@salam.uitm.edu.my

The **Leadership Camp & Strategic Meeting** of IEEE Malaysia Section was held on 25th February 2017 (Saturday), at the Grand Blue Wave Hotel, Shah Alam. The objective is to enhance leadership in IEEE Malaysia Chapters by providing training and experience sharing in the running of IEEE Chapters.

The event kicked off with the Opening Speech on IEEE Malaysia Vision by Dr. Mohammad Faizal Ahmad Fauzi (Chair), then ensued by Ms. Zuriati Janin (Treasurer) on Section Finance matters. Based on members' feedback, two parallel tracks - one for Leadership, another for Finance, were designed to tailor to the needs of attendees.

For the Leadership Track, Dr. Haidawati Mohamad Nasir (Secretary), Dr. Fawnizu Azmadi Hussin (Vice Chair), Dr. Rosmiwati Mohd Mokhtar (Communication Coordinator) and Dr. Lee Yoot Khuan (EA Coordinator) presented on Section Secretarial Reporting, Section Conference Reporting, Website Management Reporting and Education Activities Reporting, respectively. We were honoured to have two invited guests, Dr. Zuhaina Zakaria (Past Chair & R10 EA Coordinator) for her sharing on IEEE Organization and Funding Opportunities and SAMIEEE as well as Dr Aduwati Sali (Chapter Chair, COM19/VT06 2017) for her sharing on journey to Award Recipient for Best Chapter 2016.

For the Finance Track, we were also honoured to have Dr. Norliza Mohd Noor (Past Chair, IEEE Malaysia Section) and Mr. Christopher Chew (Immediate Past Treasurer) with their experience sharing in IEEE and Netsuite reporting; GST for Societies and GST reporting and Financial Statements and Chapter Accounts. The program was attended by 62 IEEE Malaysia Section office bearers.

The event resumed with Chapter Chairs meeting after lunch. Altogether, 24 out of 27 Chapters presented their planned activities for 2017. The IEEE Malaysia Section would like to extend their appreciation to kind co-operation from all Speakers, Chapters and IEEE Volunteers to make the event a successful one.



IEEE Malaysia Section Newsletter

Student Activities

Reported by Noor Ain Kamsani
noorain.kamsani.my@ieee.org

IEEE Malaysia Student Branch Leadership Camp 2017

IEEE Malaysia Section has successfully organised IEEE Malaysia Student Branch Leadership Camp 2017 in collaboration with IEEE Student Branch Universiti Putra Malaysia. The event was conducted at the Faculty of Engineering, UPM on the 11th March 2017 and attended by 64 student leaders from 21 Student Branches of UTM, UiTM, UPM, UKM, UTP, UIAM, UMS, MMU, MUSC, UTAR, UM, USM, Uniten, CUS, UNMC, UUM, APU, Nilai University, Unimap, UTeM and UTHM. Invited speakers were Mohammad Faizal Ahmad Fauzi, IEEE Malaysia Chair; Fawnizu Azmadi Hussin, IEEE Malaysia Vice Chair; Noor Ain Kamsani, IEEE Malaysia Student Activities Chair; Ng Ping Jian, IEEE Malaysia Student Activities Committee 2016; Saaveethya Sivakumar, Arvind Rajan, Kong Sheng How, IEEE R10 Student Activities Committee 2017; and Ashen Gomes, IEEE Malaysia Section Student Representative 2016. During the camp, the 2017 IEEE Malaysia Student Activities Committee were formed and activity plan for each Student Branch was discussed. The event managed to provide training and a sharing platform in running IEEE Student Branches efficiently among the student leaders.

IEEE R10 Student Activities Committee 2017

Zonal Student Representative

Saaveethya Sivakumar

Sub-Zonal Student Representative

Kong Sheng How

Paper Contest Coordinator

Arvind Rajan

Project Coordinator

Noor Ain Kamsani

IEEE Malaysia Student Activities Committee 2017

Chair of Student Activities

Noor Ain Kamsani

Section Student Representative (SSR)

Abdulrahman Taha Mohamed

Student Activities Committee (SAC)

Kong Sheng How

Abdulraaqeb Alhammadi

Ng Jiann Jia

WIE Student Network Coordinator (WSN)

Shum Kar Yen



Group photo of the IEEE Malaysia Student Branch Leadership Camp 2017 participants.

IEEE Malaysia Section Newsletter

Student Activities

Reported by Noor Ain Kamsani
noorain.kamsani.my@ieee.org

IEEE Malaysia Student Branch Chair 2017

- IEEE SB Universiti Teknologi Malaysia**
Norhafezaidi Mat Saman
- IEEE SB Universiti Teknologi Mara**
Wan Zharfan Wan Zainal Abiddin
- IEEE SB Universiti Putra Malaysia**
Khairul Azman Noor Azmi
- IEEE SB Universiti Kebangsaan Malaysia**
Ali Al-Shamani
- IEEE SB Universiti Teknologi Petronas**
Choy Shao Wei
- IEEE SB Universiti Islam Antarabangsa Malaysia**
Alhareth Mohammed Tawfiq Zyoud
- IEEE SB Universiti Malaysia Sabah**
Teoh Mooi Khee
- IEEE SB Universiti Multimedia**
Mohammed Hussein Saleh Mohammed Haram
- IEEE SB Monash University – Sunway Campus**
Kosalishkwaran Ganeson
- IEEE SB Universiti Tunku Abdul Rahman**
Ng Yong Quan
- IEEE SB Universiti Malaya**
Farid Esmaeilli Motlaq
- IEEE SB Universiti Sains Malaysia**
Ng Ping Jian
- IEEE SB Universiti Tenaga Nasional**
Kamarul Fikri Kamarudin
- IEEE SB Curtin University Sarawak**
Kong Sheng How
- IEEE SB University of Nottingham Malaysia Campus**
Wong Wee Sam
- IEEE SB Universiti Utara Malaysia**
Mohammed Alsamman
- IEEE SB Asia Pacific University Tech and Innovation**
Ibrahim Waheed
- IEEE SB Nilai University**
Muhammad Haziman Hamzil
- IEEE SB Universiti Malaysia Perlis**
Muhammad Thaqif Abdullah
- IEEE SB Universiti Teknikal Malaysia Melaka**
Chan Chun Yuan
- IEEE SB Tun Hussein Onn Malaysia**
Muhammad Syukri Mohd Yazed

IEEE Malaysia Student Technical Chapter Chair 2017

- APU CommSoc Student Chapter**
Muhtasim Rafi
- UiTM PES Student Chapter**
Mohamad Hafiz Mohamad Zaki
- UTM PES Student Chapter**
Nur Azrina Mohd Azman
- UNITEN PES Student Chapter**
Kamarul Fikri Kamarudin
- UKM PES Student Chapter**
Ali Al-Shamani
- Curtin Sarawak IAS Student Chapter**
Kong Sheng How
- UKM IAS Student Chapter**
Ali Al-Shamani
- UKM EDS Student Chapter**
Mohd Nuriman Nawi

IEEE Malaysia Student Affinity Group Chair 2017

- UPM WIE AG**
Fatimah Abd Rahman
- USM WIE AG**
Shum Kar Yen
- Curtin Sarawak WIE AG**
Ng Kay Li

Reach Us:

ieeemy.org/students
facebook.com/ieeemalysiastudents

IEEE Malaysia Section Newsletter Region 10 Annual General Meeting

Reported by Fawnizu Azmadi Hussin <fawnizu@gmail.com>

Summary of the R10 Annual General Meeting

The Region 10 Annual General Meeting (AGM) was held on March 4-5, 2017 in Chiba, Japan with over 130 delegates from R10 ExCom and representatives from the leaders within the biggest IEEE region, R10. In region 10, there are six regional councils, 57 sections and 26 subsections, All sections had sent their representatives to this annual meeting. Region 10 Director Kukjin Chun presented his welcome address and outlined his vision and strategy for 2017-2018. IEEE President Karen Bartleson, IEEE MGA Vice-President Mary Ellen Randall, and IEEE TAB Vice-President Marina Ruggieri also presented their addresses to the audience and urged everyone to contribute and be leaders for IEEE. Malaysia section was represented by the Mohammad Faizal Ahmad Fauzi (chair) and Fawnizu Azmadi Hussin (vice chair).

The meeting continued with two parallel sessions. One session covers topics on section management, educational and student activities and SIGHT. Another session covers member recruitment and retention, young professionals and conference management. The 2018 President Elect candidates were also given the opportunity to address the attendees and share their vision statements. The day concluded with a special 50 Year Celebration Dinner.

Day 2 focuses on sharing by sections, among others by three sections that won the 2016 Section Awards. IEEE Malaysia presented the current preparation for the Region 10 flagship conference, TENCON 2017, which will be held in Penang, Malaysia on 5-8 November 2017 in Penang. The 2-day general meeting concluded with an off-site tour to a few selected locations in Tokyo.



Malaysian delegates with the 2017 IEEE President (Karen Bartleson) and 2017 President Elect (James A. Jefferies). We took the opportunity to give the IEEE presidents a copy of the IEEE Malaysia's 30th Anniversary Commemoration Book. From left: Fawnizu, Faizal, James, Zuhaina, Karen.

Malaysian Members Involvement at Region 10

For 2017, Professor Borhanuddin Mohd Ali (IEEE Malaysia past chair, 2003-2004) is the Vice Chair of Professional Activities for region 10. In his team, Dr Zuhaina Zakaria (IEEE Malaysia past chair, 2015-2016) is in charge of the Educational Activities portfolio. IEEE Malaysia is proud to have both of them at the Region 10. This year, professional activities focus is on fostering innovation and entrepreneurship.



Malaysian delegates at R10 meeting, from left: Fawnizu (UTP), Yong Jin Park (UMS), Faizal (MMU), Zuhaina (UiTM), Borhanuddin (UPM)



Group photo of all R10 meeting attendees taken during the 50 Year Celebration Dinner.