IEEE Malaysia Section 26th Annual General Meeting

IEEE Malaysia Section 26th Annual General Meeting has been successfully organized on 30th January 2016 at Pullman Hotel, Bangsar, Kuala Lumpur. There are more than 350 members were registered for the AGM but only 300 members turn up. However, there was an increment in the number of AGM attendance compared to the previous year. The program starts with welcoming address by Dr Zuhaina Zakaria, 2015 IEEE Malaysia Section Chair followed by presentation of 25th IEEE Malaysia Section Annual General Meeting minutes, Section’s & Treasurer’s reports. In this AGM also, amendment of IEEE Malaysia Section Constitution has been accepted by the majority of IEEE members. The program end with the election of committee for 2016 and appointment of 2 auditors.

2016 Executive Committee of IEEE Malaysia Section

Congratulations to new line up of IEEE Malaysia Section Executive Committee. The Executive Members for 2016 are as follows:

- Chair: Zuhaina Zakaria
- Vice Chair: Mohammad Faizal Ahmad Fauzi
- Hon. Secretary: Haidawati Mohamad Nasir
- Hon. Treasurer: Christopher Chew
- Committee: P. Susthita Menon, Rozita Jailani, Abdul Rahim Ahmad, Fawnizu Azmadi Hussin
- Auditors: Franklin Joseph, Michael Joseph

2015 Executive Committee during 26th AGM

From the Editor

This first edition of the 2016 newsletter includes some interesting news such as the recent 2016 AGM, the annual dinner and the details on the winners of our prestigious annual awards, which were presented during the grand dinner, during which we had the pleasure and opportunity to listen to a few words from our one and only IEEE Fellow in Malaysia, Ir. Professor Academician Dato’ Dr. Chuah Hean Teik. As usual, the newsletter also features some key programs conducted by the various technical chapters active in Malaysia.

Enjoy reading…

Fawnizu Azmadi Hussin
Editor,
IEEE Malaysia Newsletter
IEEE Malaysia Section Awards 2015

IEEE Women in Engineering (IEEE WIE) has successfully hosted the AGM dinner on 30th January 2016 at Pullman Bangsar. WIE is very grateful to our sponsors for their support, they are Berjaya Times Square, Universiti Teknologi PETRONAS, UNITEN, IET, IEM, IEEE ComSoc, EMBS, PES, CAS, IMS, COMP, SP, RAS and APU Student Branch.

The guest list totaled up to 160 attendees. The program kicked-off with the arrival of guests at 7:45 pm followed by welcoming remarks from Assoc. Prof. Dr. Zuhaina Zakaria (Section Chair) and Ir. Prof. Academician Dato’ Dr. Chuah Hean Teik (Malaysia’s one and only FIEEE). While enjoying the sumptuous dinner, certificates were presented to all 2015 ExComm and awards were announced including Active Bonus Award and Best Chapter award.

IEEE Malaysia Section Awards 2015

IEEE Malaysia Section proudly announced the winner for 2015 Awards during the Annual Dinner on the 30th January 2016. The judging were based on quality of activities and programs, quantity of activities and programs, growth of membership and communications with its members. The panel judges were from IEEE R10 committee members, and there are Deepak Mathur, 2013/2014 R10 Humanitarian Technology Activities Coordinator and currently holding the post of India Council, Supavadee Aramwith, 2013/2014/2016 R10 Educational Activities Coordinator, Celia Shaarnaz, 2016 R10 WIE Chair, and Mehvish Zahoor, 2015/2016 R10 Student Representative. The 2015 Awards winners is as follows:

1. 2015 Outstanding Chapter Award – PES
2. 2015 Outstanding Student Branch Award – USM Student Branch
3. 2015 Outstanding Student Volunteer Award – Hussin Fallih
4. 2015 Outstanding Volunteer Award – P. Susthita Menon
5. 2015 Outstanding WIE Award – no winner
6. 2015 Outstanding Young Professional Award – no nomination

Congratulations to all winners!
Organizing IEEE Conferences

To organize IEEE conferences in Malaysia, local IEEE organizational units (OUs) must be involved. Local IEEE OU refers to either Section, Subsection, Chapters, Affinity Groups or Student Branches. The OU can decide on the types of sponsorship for the conference as follows:

- **Sole sponsorship** - An IEEE OU has complete responsibility for the financial, technical, publicity, and administrative running of the conference. In a sole sponsorship, the rights to the conference name, slogan, copyright for publications, and/or logo are owned by IEEE.

- **Co-sponsorship** - An IEEE organizational unit shares significant responsibility for the financial, technical, publicity, and administrative running of the conference. Co-sponsored conferences are entitled to IEEE services at the non-profit rate. The relationship between sponsoring organizations should be explicitly defined in terms of a Memorandum of Understanding (MOU).

- **Technical co-sponsorship (TCS)** - An IEEE organizational unit has direct and substantial involvement in the development, organization, and running of the technical program, but no financial involvement in the conference. The relationship between sponsoring organizations should be explicitly defined in terms of an MOU.

IEEE Malaysia Section must approve sponsorship of conferences when partnering with a non-IEEE entity, whether technically co-sponsored or financially co-sponsored.

<table>
<thead>
<tr>
<th>Example</th>
<th>Average IEEE Member Conference Registration Fee</th>
<th>3% MGA TCS Fee per paper ($1.00 min)</th>
<th># Papers Published in Xplore</th>
<th>TCS Fee to be paid by conference</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>$0.00</td>
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<td>$75.00</td>
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<tr>
<td>5</td>
<td>$575.00</td>
<td>$17.25</td>
<td>300</td>
<td>$5,175.00</td>
</tr>
</tbody>
</table>

Notes:

1. Conference registration rate for IEEE Members (except students) charged by conference sponsor.
2. Average of IEEE Member conference fee for full duration of event when in-country and international rates are defined.
3. As applicable, currency conversion rate set when registration fees are submitted by sponsor.

(All currency amounts displayed in USD for presentation purposes.)

Non-Sponsor Support

Organizations can support an IEEE conference in ways other than sponsorships, including as:

- **Partners**
- **Patrons**
- **Contributors**
- **Supporters**

This support can take the form of direct grants, paid advertising in the event program, services provided in exchange for brand exposure, underwriting a specific activity (breaks, lunch, etc.), and providing attendee gifts, among other ways. These supporters should be noted separately on the conference materials and website to distinguish them from financial and technical sponsors.

New Policy for TCS Conferences

A new policy has been approved by the IEEE Member and Geographic Activities (MGA) for all TCS conferences.

- Fees applicable to all TCS conferences based upon the number of conference papers published in Xplore and 3% of the IEEE member registration fee (USD 1.00 minimum).
- For conferences sponsored by established National and Technical/Sister Society partners, the fees will be absorbed/waived by MGA.

Some examples on the fees applicable are as follows:
IEEE Student Branch Leadership Camp 2016

IEEE Malaysia Section had successfully organized the 6th IEEE Malaysia Student Branch Leadership Camp on 13th March 2016. The objective of the camp was to enhance leadership in IEEE Malaysia Section Student Branches and to provide training as well as to share experiences in the running of IEEE Student Branches. The event was co-organized by IEEE UKM Student Branch at the Faculty of Engineering and Built Environment, Universiti Kebangsaan Malaysia-UKM (The National University of Malaysia). A total of 60 students from 15 SBs attended the camp.

International Appointments

Congratulations to the following Student Branch members for being selected to be part of the Region 10 Student Activity Committee! Fatimah Abdul Rahman, Chair or UPM SB has been selected to be the Project Coordinator in R10 SAC Team. Ali Najah, Chair or UKM SB has been selected to be the Student Branch Coordinator in R10 SAC Team. Last but not least, Hussain Mahdi, Advisor of UKM SB has been selected to be the South-east Coordinator in R10 SAC Team and also IEEE MADC Ambassador coordinator of Region 10.

Student Awards

Congratulations to Muhammad Adam Hamidon, IEEE student member from UNIMAP SB who has received a scholarship award from IEEE Microwave Theory and Techniques Society (IEEE MTT-S) for 2016. His Final Year Project under the supervision of Dr. Soh Ping Jack is on a vest monitoring the health of the elderly where a health parameter sensor system is integrated in the clothing that combines four types of detectors. This tool is able to obtain health data readings from the wearer’s body and place it in a secure database which then be monitored by doctors, health professionals and the patient’s family itself is online. The project is expected to be completed in May 2016. Adam will receive certificates and cash prize of USD $1500 to complete the project, and free IEEE MTT-S student membership for a period of one year.

Upcoming Events

10th May 2016: IEEE Region 10 Student Member Internship and Skill Connect Programme
May – June 2016: IEEE Malaysia Section Online FYP Competition
Aug – Nov 2016: Student, Young Professional, Women in Engineering Congress (SYWC)
13-14th Dec 2016: 14th IEEE Student Conference on Research and Development (SCORED2016)

For more information please contact Dr Susi at susi@ukm.edu.my
IEEE Malaysia Section Newsletter
IEEE Sarawak Subsection

Reported by Pan Zheng
panzheng@ieee.org

History of Establishment

The idea of establishing IEEE Sarawak Subsection was coined back in 2014 and efforts have been made since then. The official petition campaign, which was initiated by IEEE Senior Member Dr. Dennis Wong Mou Ling Swinburne University of Technology Sarawak Campus, started from Aug 2015. IEEE members of all grades from various higher education institutes and industry in the state of Sarawak actively participated the petition.

With supports and help from IEEE Malaysia Section and IEEE Region 10, eventually the petition went through and on 11 Dec 2015, Dr. Wong received a letter of formation stated that the effective date of IEEE Sarawak Subsection formation is 21 Nov 2015. IEEE Sarawak Subsection is the first ever subsection of the professional association in this country. It is an important milestone of the development of IEEE in Malaysia.

First AGM

With the collective effort of the members in the State and the coordination of the interim chair Dr. Dennis Wong, the first AGM was held on 27th Feb 2016 at Swinburne University of Technology Sarawak Campus.

Dr. Dennis Wong presided over the meeting. Dr Zuhaina Zakaria, Chair, IEEE Malaysia delivered the welcome message in the AGM. The AGM covered a series important items which include the introduction of portfolio distribution, strategic goals for 2016 to 2020 and formation of students branches and chapters. There were 26 members attending this first AGM. The participants are consist of people from UNIMAS, Swinburne, Curtin and Sarawak Energy.

EXCOMM Election

The first batch of executive committee was elected during the AGM.

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dennis Wong M.L.</td>
<td>Chair</td>
<td>Swinburne</td>
</tr>
<tr>
<td>Garenth Lim King Hann</td>
<td>Vice-chair</td>
<td>Curtin</td>
</tr>
<tr>
<td>Jacey-Lynn Minoi</td>
<td>Secretary</td>
<td>UNIMAS</td>
</tr>
<tr>
<td>David Bong Boon Liang</td>
<td>Treasurer</td>
<td>UNIMAS</td>
</tr>
<tr>
<td>Victor Wong M.H.</td>
<td>CM</td>
<td>Sarawak Energy</td>
</tr>
<tr>
<td>Pan Zheng</td>
<td>CM</td>
<td>Swinburne</td>
</tr>
<tr>
<td>Lau Bee Theng</td>
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<td>Swinburne</td>
</tr>
<tr>
<td>Shafrida Sahrani</td>
<td>CM</td>
<td>UNIMAS</td>
</tr>
</tbody>
</table>
IEEE Malaysia Section Newsletter
IEEE Circuits & Systems Society (CASS)

Reported by Fakhrul Zaman Rokhani (fzr@upm.edu.my)

Call for Awards Nominations

**IEEE CAS Outstanding Doctoral/Master Dissertation Awards (Malaysia Chapter)**

The CAS Outstanding Doctoral/Master Dissertation Awards recognize outstanding doctoral/master dissertations that have contributed to the advancement of the theory and/or applications of circuits and systems. Each award will include an honorarium and a certificate. The awardees will be invited to travel to IEEE CAS High Tea event to receive the awards.

The awards are for outstanding dissertations (in circuits and systems) dated within one year preceding the nomination due date (i.e. dated between August 29, 2015 and June 30, 2016). A nominee must be an IEEE CAS member at the time of nomination.

**IEEE CAS Innovation Awards (Malaysia Chapter)**

The CAS Innovation Awards recognize outstanding final year projects that have illustrated innovation in the theory and/or applications of circuits and systems. Each award will include an honorarium and a certificate. The awardees will be invited to travel to IEEE CAS High Tea event to receive the award.

The awards are for outstanding final year projects (in circuits and systems) completed within one year preceding the nomination due date (i.e. dated between August 29, 2015 and June 30, 2016). A nominee must be a full-time undergraduate from Public or Private Higher Education Institutions in Malaysia. Either the nominator or the nominee must be an IEEE CAS member at the time of nomination.

**Important Dates**

Submission deadline: June 30, 2016
Notification of award: July 22, 2016
Award presentation at IEEE CAS High Tea 2016

For more information on submission procedures, please visit IEEE CASS (M) website. Link to past years award recipients.

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**2016 IEEE CASS (M) 4th High-Tea Networking Event**

The IEEE High-Tea Networking event is in its fourth year this year being organized since its inception in 2013. The event intends to bring engineers, researchers and scientists involved in circuits and systems applications to access to the industry’s most essential technical information, networking opportunities, career development tools.

During this event, outstanding PhD and MSc dissertations as well as undergraduate senior years (final year) design projects from local universities are recognized through multiple awards.

This year event’s detail as follows:

**Date:** July 27th 2016.
**Theme:** Moving Forward With Internet of Things (IoT)
**Location:** SAINS@USM, Persiaran Bukit Jambul, 11900 Bayan Lepas, Pulau Pinang, Malaysia
**Organizers:** IEEE, IEEE Circuits and Systems Society Malaysia Chapter, USAINS, CREST.

For more information, please visit IEEE CASS (M) website. Link to past years High-Tea event: [2013](#), [2014](#), [2015](#).
EDS Final Year Project (FYP) Award

The EDS FYP award is to encourage FYP projects related to the area of semiconductor, MEMS/NEMS etc., and also to acknowledge student working in these areas. The FYP Poster Competition 2016 was held on the 26th January 2016 at the Kulliyah of Engineering, IIUM. There were 52 posters presented and ED committee was invited to judge the competition. The winner for the award sponsor by IEEE Electron Devices Society Malaysia Chapter was Mr. Muhammad Jabrullah Johari and the poster entitled: Design and Simulation of MEMS HEMHOLTZ Resonator with Piezoelectric Cantilever for Acoustic Energy Harvesting.

IC Packaging Training Course

The IEEE ED Malaysia Chapter has co-organized a two days Training course on “Chip-Package Interaction, Characterization and Challenges for Advanced IC Packaging” on 28th – 29th March 2016. The course was held at RHR Hotel, UNITEN, Putrajaya and the training conducted by Prof. Dr. Darvin Edwards. About 17 participants attended the training and mostly from the industries.

Young Scientist –EDS ETC Program

Institute of Advanced Technology (ITMA), UPM and Sekolah Menengah Sri Al-Amin Bangi had jointly organized a young scientist program namely ‘Program Saintis Muda’ which was held in the school’s main hall on 2nd April 2016. This event was done in collaboration with IEEE EDS under EDS-ETC Program which enables EDS chapter members to visit local schools to engage young students in the field of electrical engineering. There are about thirty students participated in the program. The first session was for ice-breaking and in the second session, the students utilized the easy-to-use Elenco Snap Circuits® kits which gave them hands-on experience in assembling a series of electronic circuits for some electronic applications. In the third session, the students had to design a water sensor circuit with the guidance from the facilitators.

IEEE EDS Chapter Meeting

The EDS meeting was held in on the 4th of March 2016 in UKM and was attended by 10 committee members. Many items were discussed at the meeting, including portfolios for the committee member, ICSE2016 conference, Professional Skills Workshop, Distinguished lecturer/Technical programs, FYP/Postgraduate Awards, EDS-ETC Educational outreach, Senior Member Elevation Workshop, formation of ED student branch and community engagement projects. The chapter has won many awards and recognitions in 2015 and would like to continue the achievements for this year tenure.
The first Malaysian High Voltage Network (MyHVnet) Colloquium was successfully co-organised by MyHVnet and IEEE Dielectrics and Electrical Insulation Society (DEIS) Malaysia Chapter on 25th January 2016 in the Faculty of Electrical Engineering, Universiti Teknologi Malaysia, Johor Bahru. The objectives of the colloquium were to provide a networking platform and exchange information and knowledge between academicians, students and industries in Malaysia in high voltage engineering field.

The colloquium saw overwhelming participation from various academic institutions and industries across Malaysia. The colloquium was attended by 104 participants, which include presenting and non-presenting authors. 71 extended abstracts were accepted for this colloquium, which were featured in five different tracks; lightning, insulation and electrical discharges, condition monitoring, transformers and other high voltage related areas. The colloquium consisted of 9 oral sessions.

The colloquium began with five invited talks, which were delivered by professionals from various organisations in Malaysia. The talks were “Challenges in Condition Monitoring,” “Asset Management of Transformer Fleet: An Overview,” “Comparison of Partial Discharge Models in Condition based Monitoring,” “Evaluation of Lightning Return Stroke Current using Measured Field,” and “Partial Discharge Location Technique for Covered-conductor Overhead Distribution Line.”

The 2016 annual general meeting (AGM) of IEEE DEIS Malaysia chapter was successfully held on 25th January 2016 in Universiti Teknologi Malaysia (UTM), Johor Bahru, Malaysia. The meeting was attended by 16 active members of IEEE DEIS Malaysia Chapter and chaired by Dr. Yanuar Zulardiansyah Arief from UTM.

The meeting agenda was endorsement of 2015 AGM minutes, endorsement of 2015 Society Annual report, endorsement of Treasurer’s Report and Account for 2015, dissolution of Committee for 2015, appointment of Committee for 2016 and finally discussion on activity plans in 2016.

The IEEE DEIS Malaysia Chapter has successfully organised a Workshop on “How to Write Papers for IEEE Transactions on Dielectrics and Electrical Insulation (TDEI)” on 31st March 2016 in Universiti Teknologi Malaysia (KL Campus). The lead facilitator of the workshop was Dr. Hazlee Azil Illias, from University of Malaya. The workshop was attended by 15 participants, whom majority of them were postgraduate students and a small number of academic staffs and from industry.

In this workshop, participants were briefed about IEEE TDEI aims and scope, criteria of acceptable papers and how to write a paper title, abstract, introduction section, methodology, results, discussion, conclusions and references. Participants were also trained on how to write a paper title and an abstract based on their research work through hands-on sessions.
EduTour to HCMUT and RMIT Vietnam

On 18th March 2016, a delegation of IEEE Signal Processing Society Malaysia Chapter committee members made a trip to Vietnam. They were well received by the Ho Chi Minh University of Technology (HCMUT) in the morning and Royal Melbourne Institute of Technology Vietnam campus in the afternoon. The purpose of this EduTour was to establish academic ties between the Malaysian and Vietnamese universities, as well as to create research collaboration opportunities.

Technical visits to UNIMAS and Swinburne

A delegation from the IEEE SPS MC conducted technical visits to the facilities at Universiti Malaysia Sarawak (UNIMAS) and Swinburne University on 8 January 2016. In addition to visiting the laboratories, a discussion session was conducted and included topics on elevation to IEEE Senior Member, research collaboration and chapter formation.

Site visit for IEEE ICSIPA2017, Kuching, Sarawak

In order to select the best venue for the IEEE SPS MC’s next flagship biennial International Conference on Signal and Image Processing Applications (IEEE ICSIPA 2017), to be held on 12-17 September 2017 at Kuching, Sarawak, the organizing committee made a site visit to a selection of hotels in January 2016. The visit provided a better understanding of the city, its attractions and allure for hosting the international event.
The bi-annual IEEE World Congress on Computational Intelligence (IEEE WCCI) will host three conferences: The 2016 International Joint Conference on Neural Networks (IJCNN 2016), the 2016 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2016), and the 2016 IEEE Congress on Evolutionary Computation (IEEE CEC 2016) under one roof in Vancouver, Canada from 24-29 July 2016. Financially sponsored by the IEEE Computational Intelligence Society (CIS), the IEEE WCCI 2016 received over 3,000 paper submissions (a record for the Congress), and this year we will have 5 Keynotes by top-notch researchers - Leslie Valiant, Ronald R. Yager, Marco Dorigo, Ricardo Baeza-Yates and Charles C. Ragin.

In terms of Malaysia involvement, Dr. Chan Chee Seng from University of Malaya will give a tutorial in WCCI 2016 on the topic of “Computer Vision: A Computational Intelligence Perspective”. And congratulations to Mr. Abhishek Jhawar, a PhD candidate from University of Malaya and Dr. Tay Kai Meng, a senior lecturer from UNIMAS for successfully awarded the Student and Professional Travel Grant, respectively to attend the WCCI 2016.

Call for Participant: World Congress on Computational Intelligence (WCCI 2016), 24-29, July, Vancouver Canada

The 3rd IAPR Asian Conference on Pattern Recognition (ACPR 2015), sponsored by the International Association of Pattern Recognition (IAPR) and supported by the Malaysian Image Analysis and Machine Intelligence Association (MIAMI) and IEEE Computational Intelligence Society (CIS) Malaysia Chapter was held on November 03-06, 2015, Kuala Lumpur, Malaysia.

A total of 422 full submissions were received, and the program committee accepted 170 papers (40.3% acceptance rate) – 36 papers for oral (8.5% acceptance rate); and 134 papers for poster (31.8% acceptance rate). The invited speakers were Prof. Dr. Tan Tieniu (China); Prof. Dr. Maja Pantic (UK), Prof. Dr. Ching Y. Suen (Canada) and Prof. Dr. Joshua Bengio (Canada).

ACPR 2017 will be hosted in One of the Four Great Ancient Capitals of China – Nanjing.

ICCOINS 2016 is organised by Computer and Information Sciences Department of Universiti Teknologi PETRONAS (UTP) and technically co-sponsored by IEEE Malaysia Computational Intelligence Society (CIS) Chapter. It aims to promote research and development activities in Computer Science, Information Technology and Information Sciences. The conference serves as an ideal platform for researchers and academia to address challenges and to exchange scientific information in computing techniques and other related areas.

Call for Participant: International Conference on Computer & Info. Sciences, 15-17 August Kuala Lumpur Conv. Center

ACPR 2015 Group Photo.

IEEE Malaysia Section Newsletter
IEEE Computational Intelligence Society (CIS)

Reported by Hoo Wai Lam
wlhoo@um.edu.my

Professor Dr. Joshua Bengio, delivered a keynote on Deep Learning during ACPR 2015, 03-06 November, Kuala Lumpur

Professor Dr. Joshua Bengio delivered a keynote on Deep Learning during ACPR 2015, 03-06 November, Kuala Lumpur.
2015 International RF and Microwave Conference

2015 IEEE International RF and Microwave Conference (RFM 2015) was held at Riverside Majestic Hotel, Kuching, Sarawak on December, 14 – 16, 2015. This sixth meeting in the RFM series of conferences provides excellent opportunities for researchers, scientists, engineers and vendors working in areas related to RF and microwave technology to present latest research results, and exchange views and experience. Two IEEE distinguished lecturers were invited; Prof Omar M. Ramahi and Prof Tian Wei-Huang. More than 80 participants come and presenting their latest research finding.

IEEE Activities in UniMAP

In this newsletter, we are highlighting series of IEEE activities that were held in UniMAP. The events were jointly organised with IEEE UniMAP Student Branch.

IMK Seminar Series – Invited Talk was held on 3rd February 2016 (Wednesday). Institute of Engineering Mathematics (IMK) UniMAP has organized an invited talk entitled ‘Terminal Antennas for the Future’ for UniMAP’s academic staff and postgraduate students. The talk was presented by Azremi Abdullah Al-Hadi. The purpose was to provide insights and exploration of new and possible challenges related to the design and implementation of the future mobile terminals.

River-cruise Dinner Appreciation in RFM 2015

IEEE Membership Drive was held on 7th and 9th March 2016 at UniCITI, Sg Chuchuh and UniMAP Main Campus, Pauh, Perlis. The session has also highlighted the importance of joining IEEE technical chapters to gain information and keep updated with current technology in specific IEEE designated fields of interest.

Some snapshots during the events

IEEE Membership Drive was held on 7th and 9th March 2016 at UniCITI, Sg Chuchuh and UniMAP Main Campus, Pauh, Perlis. The session has also highlighted the importance of joining IEEE technical chapters to gain information and keep updated with current technology in specific IEEE designated fields of interest.

To maintain the quality of the IEEE manuscript submitted to IEEE Publication, a program named as Workshop on ‘IEEE Manuscript Preparation using LATEX’ was held at 30th April 2016. The purpose of the workshop was to provide necessary knowledge and skills to postgraduate students in writing and producing high typographical quality of documents required for publications.
Dr. Hin Tze Yang was invited to give a keynote as industry representative in the 10th IEEE 2015 Regional Symposium on Micro and Nano Electronics. The conference was held in Kuala Terengganu from 19 – 21 Aug 2015. TY shared the market trend in driving towards 400G Ethernet standard and the limitations of electrical signal in FPGA industry. He proposed an optical interconnection and packaging solution for >50G to enable high data rates application.

SF Wong, CPMT Malaysia representative, had been invited to participate the event on 20th Nov. 2015, jointly organized by CREST for “Project Management Industry Evaluation” at School of Chemical Engineering, USM as Industry Panel Judge. Total of 16 teams completed their project research, which included: “Renewable polymer for industry application (electronics, food packaging)” and “In-molding polymerization for semiconductor packaging”, with some excellent idea sharing, impacting our electronic industry and local community needs.

CH Chew was invited as a speaker at IMPACT 2015 Taiwan to share on “Micro Packaging: When will we stop shrinking?” Good benchmarking on the impressive IMPACT conference for CPMT Malaysia. Received warm hospitality and had good sessions with Taiwan IMPACT/CPMT committee.

CPMT members participated in the CREST Industry-Academia Forum (IAF) on 7th April held in Penang. Mr. SF Wong and Dr. TY Hin were invited to facilitate the “SEMICONDUCTOR Packaging” cluster. Multiple building blocks were discussed in packaging architecture, materials, processing, reliability and test in both 3D packaging and LED technologies. The cluster looks forward to having a sustainable research pipeline that will provide relevant technical solutions to the industry and enhance national technical growth.

The IEMT-EMAP 2016 will be held at G Hotel Georgetown, Penang, Malaysia from 20 - 22 Sept 2016. It is an international event organized by IEEE CPMT Malaysia Chapter and is HRDF claimable. It will feature short courses, technical sessions and table top exhibits. It aims to provide coverage of technological advancement in device packaging. Abstracts submission is highly encouraged at http://ewh.ieee.org/r10/malaysia/cpmt/Home/iemt/2016/iemt2016_registration.html at EasyChair.
Workshop for Smart Phone Usage for Seniors

This workshop was jointly organised by Monash University Malaysia Gerontechnology Lab, SeniorsAloud, and IEEE TEMS Malaysia Chapter.

Date: 23 April 2016  
Time: 9:30-1:00  
Venue: Monash University Malaysia

The objective of the workshop was to provide training and support to seniors in using their smartphone (both Android based and IOS based). Two parallel sessions were conducted: Android Smart Phone Workshop, and IOS Smart Phone Workshop. The participants comprised 55 seniors (aged 50 and above), including 3 IEEE members. Each workshop was facilitated by 4 research assistants from the Gerontechnology Lab.

The participants were given a guided tour to the Gerontechnology Lab, a platform for ongoing research in the area of gerontechnology.

Facilitator showcase Emotionally Intelligent Robot to workshop participants

Android Smart Phone Workshop

Participants were taught how to:
- Edit settings
- Download and install applications: WAZE, YouTube
- Set up chat groups: WhatsApp, Viber
- Use search engines: Google
- Access websites: YouTube, Facebook, etc.
- Use camera and photo editing
- Transfer photos and videos from phone to camera
- Use other functions (upon request by the participants)

IOS Smart Phone Workshop

iPhone Users
IEEE PES Malaysia Chapter Award

IEEE PES Malaysia Chapter has always recognized support and contribution by chapter’s members. Since 2009, PES Malaysia have given Outstanding Engineer Award (OEA) to member who has outstanding qualities and contributed to the chapter. Besides OEA, there are also Individual Appreciation award and Corporate Recognition Award.

Recipients for 2015 are as follows:
- Individual Appreciation Award - Izham Zainal Abidin
- Corporate Recognition Award - Malakoff Corporation Berhad
- Outstanding Engineer Award - Yeoh Eng Chin

This award was presented to the recipients during the IEEE Malaysia Annual Dinner 2016 at Pullman Bangsar on the 30th January 2016.

IEEE Membership, Route To Professional Engineer And Senior Membership Workshop

A workshop on IEEE membership, route to professional engineer and senior membership was organized by IEEE PES Malaysia and supported by Faculty of Electrical Engineering, Universiti Teknikal Malaysia on 18th of March 2016. It was held at Dewan Auditorium, Bangunan Canselor, Kampus Induk, Durian Tunggal, Universiti Teknikal Malaysia (UTEM), Melaka. The event began with a welcoming remark by the Dean, Faculty of Electrical Engineering, UTEM. This is followed by a presentation from Dr Pauzi Abdullah on the benefits of IEEE membership. Prof Ir Dr Mohd Zainal Abidin Ab Kadir continued the workshop on the route to professional engineer. Finally, Assoc. Prof. Dr Zuhaina Zakaria carried out workshop on the senior membership. The workshop finished at 1230pm.
11th Annual General Meeting 2016

The chapter held its AGM on January 8, 2016 at the Penang Skills Development Centre (PSDC).

A new line up was elected, led by Associate Professor Wong Peng Wen, and Professor S.S. Jamuar as chair and vice chair respectively.

For details: www.ieee.org/go/penang

Establishment of IEEE PES SB Chapter at UNITEN

In supporting the mission of UNITEN to become a leading energy university in Malaysia, some students in Uniten have taken an initiative to establish UNITEN IEEE PES SB Chapter. The aim of this society is to increase UNITEN's visibility in the international level, especially in IEEE PES. The student branch has been established on 26th February, 2016. This is the third PES student branch chapter in Malaysia, after UiTM Shah Alam and UTM Johor.

Visit IEEE Malaysia section Facebook page and click “Like”
https://www.facebook.com/IEEE.my/