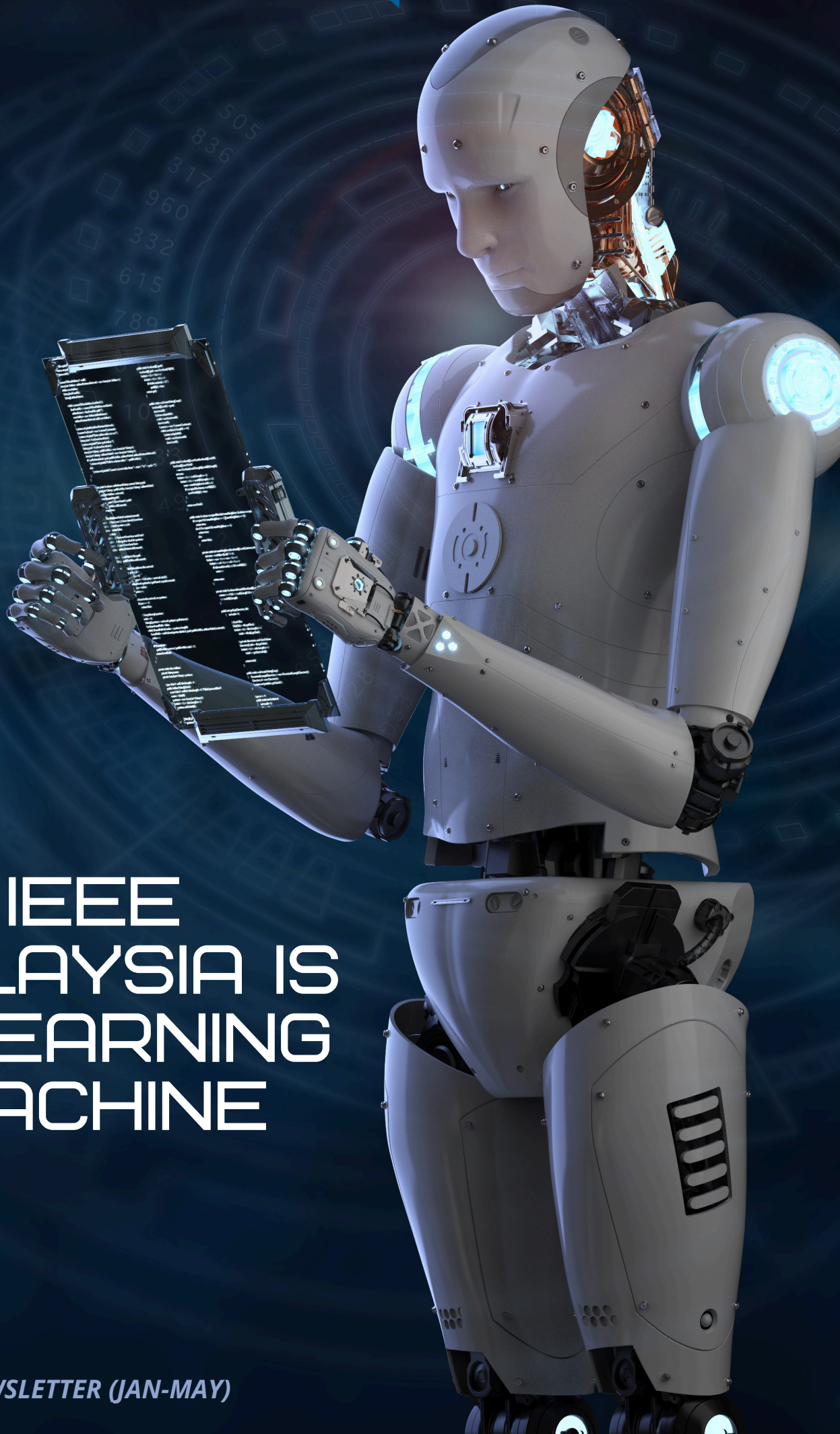




IEEE MALAYSIA IS A LEARNING MACHINE

IEEE Malaysia AP/MTT/EMC Joint Chapter AGM 2026



The IEEE Malaysia AP/MTT/EMC Joint Chapter held its **2026 Annual General Meeting** on **January 17, 2026**, via Google Meet to review a year of significant growth and technical contribution. Presided over by Chapter Chair Mohamad Zoinol Abidin Bin Abd. Aziz, the meeting drew 33 members to endorse the previous year's minutes and review a comprehensive portfolio of **66 activities** conducted throughout 2024. These initiatives ranged from technical webinars and the **10th IEEE International RF and Microwave Conference (RFM 2025)** to high-impact humanitarian programs like the **Community-Based Disaster Risk Management Program (CBDRM)**. Alongside the presentation of the 2025 Chapter Finance Report by Treasurer **Izni Husna Binti Idris**, the assembly celebrated member achievements through an awards announcement and concluded the session with a lucky draw for five attendees. The Chapter formally recognizes the dedicated leadership and exceptional service of its committee members through the presentation of the Leadership Awards. The meeting officially adjourned at 10:30 AM, marking a successful transition into the 2026 operational year.

Annual General Meeting

Date: 17 January 2026

Time:
9.00 am to 10.30 am

Location:
Online

Participant : 33



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Distinguished Lecture by Prof. Dr. Mauro Ettore



The **IEEE Malaysia AP/MTT/EMC Joint Chapter**, in collaboration with the **Advanced RF and Microwave Research Group (ARFMRG)** at **FKE UTM**, successfully hosted a distinguished hybrid lecture on **March 11, 2026**, featuring Prof. Dr. Mauro Ettore from Michigan State University. His technical talk titled, "**Exploring the Benefits of Long Slot Arrays for Next-Generation Communications Networks and Beyond**," provided deep insights into the advanced antenna architectures required for future high-speed connectivity. Prof. Ettore, who serves as the Editor-in-Chief of the *IEEE Antennas and Propagation Magazine*, also shared his personal point of view on **publishing in high-impact journals**. The session emphasized the importance of research quality over quantity, urging scholars to view their scientific publications as a lasting legacy for the community rather than a mere numbers game. With over 60 participants from various institutions, the program effectively supported **Sustainable Development Goal 9 (SDG 9)** by fostering international knowledge exchange and equipping researchers with practical strategies for academic success..

DL series 1/2026

Date: 11 March 2026

Time:
1030 HR to 1200 HR

Location:
Smart Classroom, P19a, UTM
Johor and online.

Participant : 61



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Distinguished Lecture by Prof. Dr. Zhongxiang Shen



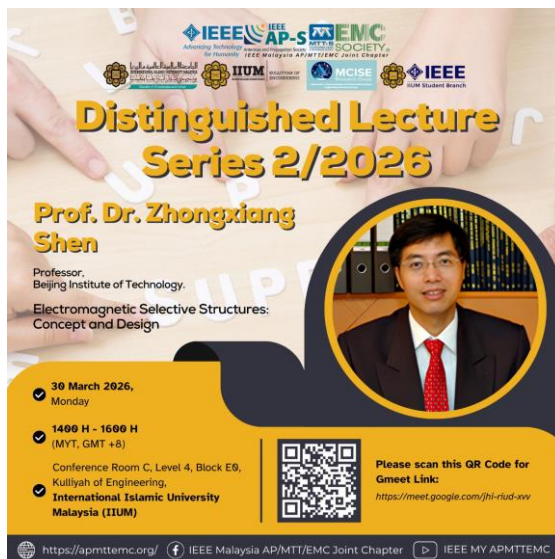
The IEEE Malaysia AP/MTT/EMC Joint Chapter, in collaboration with the International Islamic University Malaysia (IIUM) and the MCISE Research Group, successfully hosted the Distinguished Lecture Series 2/2026 on March 30, 2026. The event featured a technical keynote by Prof. Dr. Zhongxiang Shen from the Beijing Institute of Technology, titled "Electromagnetic Selective Structures: Concept and Design". Held in a hybrid format at Conference Room C, Level 4, Block E0, Kulliyah of Engineering, IIUM, and broadcast via Google Meet, the session provided attendees with deep insights into advanced electromagnetic frequency selective surface. Prof. Shen shared his expertise on the fundamental concepts and design strategies of selective structures, which are critical for the development of modern wireless and microwave systems. This lecture series continues the chapter's mission to facilitate high-level knowledge exchange between global academic leaders and the local engineering community.

DL series 2/2026

Date: 30 March 2026

Time:
1400 HR to 1600 HR

Location:
Conference Room C, Level 4,
Block E0, Kulliyah of
Engineering, IIUM.



Distinguished Lecture Series 2/2026

Prof. Dr. Zhongxiang Shen

Professor,
Beijing Institute of Technology.

Electromagnetic Selective Structures:
Concept and Design

30 March 2026,
Monday

1400 H - 1600 H
(MYT, GMT +8)

Conference Room C, Level 4, Block E0,
Kulliyah of Engineering,
International Islamic University
Malaysia (IIUM)

Please scan this QR Code for
Gmeet Link:
<https://meet.google.com/jhi-rud-avv>

<https://apmttemc.org/> | [IEEE Malaysia AP/MTT/EMC Joint Chapter](#) | [IEEE MY APMTTEMC](#)



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IEEE AP/MTT/EMC Joint Chapter Distinguished Lecturer (DL) Workshop Asia Series 2026



The IEEE Malaysia AP/MTT/EMC Joint Chapter successfully organized the Distinguished Lecturer (DL) Workshop Asia Series 2026 on April 3, 2026, at Universiti Kebangsaan Malaysia (UKM). Jointly hosted by PAKET and IPI, the event brought together 48 participants from 16 institutions to engage with a global panel of experts. The workshop delivered high-impact technical insights into the future of electromagnetics, with a specialized focus on **5G MIMO antenna arrays** for smartphone applications, advanced **computational electromagnetics**, and the development of **electrically small antennas** through metamaterial-inspired designs. The distinguished panel of speakers included **Prof. Desmond Sim** from National Sun Yat-sen University, Taiwan, **Prof. Ozlem Ozgun** from Hacettepe University, Türkiye, **Prof. Maokun Li** from Tsinghua University, China, **Prof. Richard W. Ziolkowski** from the University of Arizona, USA, **Prof. Eng Leong Tan** from Nanyang Technological University, Singapore, and **Prof. Levent Sevgi** from Istanbul Technical University, Türkiye. Beyond technical depth, the program fostered international collaboration and addressed the evolution of engineering education, reinforcing the chapter's commitment to advancing electromagnetic engineering and global connectivity within the local research community.

DL Workshop Asia Series 2026

Date: 03 April 2026

Time:
0950 HR to 1615 HR

Location:
*Bilik Mesyuarat Perdana,
Aras 4, Bangunan
Pentadbiran, FKAB, UKM*

Participant : 48



IEEE AP-S IEEE AP-S DL Workshop Asia Series

Özlem Özgün
Hacettepe University, TR

Richard Ziolkowski
University of Arizona, US

Maokun Li
Tsinghua University, CN

Levent SEVGİ
Istanbul Technical University, TR

Eng Leong TAN
Nanyang Tech University, SN

Desmond SIM
National Sun Yat-Sen University, TW

3 April 2026
0950H - 1630H (MYT, GMT +8)

Scan this QR Code for Zoom Meeting:
<https://tinyurl.com/APSDLWorkshop>

Bilik Mesyuarat Perdana, Aras 4, Bangunan Pentadbiran, Fakulti Kejuruteraan & Alam Bina (FKAB), Universiti Kebangsaan Malaysia (UKM)

Organized by:

IEEE AP-S, EMC, MTT-S, PAKET, IPI, UKM, IEEE Malaysia AP/MTT/EMC Joint Chapter

<https://apmttemc.org/> IEEE Malaysia AP/MTT/EMC Joint Chapter IEEE MY APMTTEMC

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IEEE CASSS Malaysia Chapter Iftar Ramadhan 2026

The IEEE Circuits and Systems Society (CASSS) Malaysia Chapter successfully held its Iftar Ramadhan 2026 gathering on 13 March 2026 at Park Royal Hotel, UNITEN, with 30 attendees including EXCO members, families, loyal members, and new joiners. The event fostered a warm and inclusive atmosphere, strengthening professional ties and personal connections during the holy month.

Participants engaged in informal networking before breaking fast, while the presence of families added to the festive spirit. A photography session featured EXCO members forming a “C” hand symbol to represent unity and pride in the CASS community. New members were also warmly welcomed, supporting ongoing membership growth.

Overall, the programme was a meaningful and successful gathering that fosters camaraderie, collaboration, and a strong sense of belonging among members.



Social Event – Iftar

Date:

13 March 2026

Time:

6 pm – 8.30 pm

Location:

Park Royal Hotel, Uniten

Participant : 30

Report by: Mohd Amrallah Mustafa

Photos by: Haslina Jaafar and Suhaidi Shafie

Edited by: Noor Hazrin Hany Mohamad Hanif



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AI for Future Innovation: Advancing Technology, Empowering Minds

The IEEE Circuits and Systems Society (CAS) organised “AI for Future Innovation: Advancing Technology, Empowering Minds”, in conjunction with IEEE Education Week. The one-hour session provided a concise yet impactful exploration of artificial intelligence and its role in shaping future technologies.

The keynote by Prof. Ts. Dr. Wan Zuha Wan Hasan highlighted AI-driven innovation in smart systems, automation, and decision-making, while emphasising the need for relevant skills and adaptive mindsets for Industry 4.0.

The free event attracted around students, CAS Malaysia ExCom members, and new attendees, with the presence of the CASS Education Vice President, Dr Fakhrul Zaman Rokhani. Active discussions and networking created an engaging atmosphere, strengthening connections within the community. Overall, the programme successfully fostered knowledge sharing, collaboration, and IEEE CAS’s commitment to innovation and education.



Professional Talk

Date:

13 April 2026

Time:

9 am – 10 am

Location:

Faculty of Engineering, UPM

Participant : 60

Report by: Suhaidi Shafie and Mohd Amrallah
Mustafa

Photos by: Mohd Haziq Sahperi

Edited by: Noor Hazrin Hany Mohamad Hanif



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Kesihatan Dalam Sains Solat: A Holistic Approach to Well-Being

IEEE Women in Engineering

The IEEE Women in Engineering (WIE) initiative continues to promote not only technical excellence but also holistic personal development through impactful and meaningful programs. In line with this vision, a webinar entitled “Rahsia Kesihatan Dalam Sains Solat” (The Secrets of Health in the Science of Prayer) was successfully conducted via an online platform. The session featured Prof. Ir. Dr. Fatimah Ibrahim, a distinguished researcher and author in the field of Sains Solat, who shared valuable insights into the scientific and health-related benefits of Islamic prayer. Among the key topics discussed were:

- The role of solat as a natural therapy for maintaining youthfulness and supporting weight management
- The benefits of prayer movements in alleviating back pain and supporting cardiovascular health
- The impact of solat on mental clarity, emotional stability, and stress reduction
- Insights into how solat may support overall physiological balance and well-being.

Rahsia Kesihatan Dalam Sains Solat

Date:

26 and 27 Feb 2026

Time:

12:00 - 13:00

Location:

Zoom Platform



Photo 1 : Online speaker and attendees in action



Photo 2 : Promotional poster of the event

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WIE Across ASEAN: Research, Resilience & Real Conversations

IEEE Women in Engineering

The Engineer Across Asian: Research, Resilience and Real Conversations session brought together researchers and students from Malaysia, Indonesia, and Vietnam in an engaging platform that combined cutting-edge research with real-life experiences. Key topics included AI-driven antenna design, 5G network optimization, and AIoT for sustainable agriculture, reflecting the region's growing innovation landscape. Beyond technical insights, the session emphasized resilience, motivation, and work-life balance, creating an open space for meaningful dialogue and shared experiences. Interactive activities further strengthened networking and collaboration among participants. The event managed to gather more than 100 attendee that participated onsite and online.

Highlights:

- Cross-country knowledge sharing in AI, RF, and IoT
- Strong focus on resilience and career sustainability
- Active engagement through live polls and open discussions

Quote: Focus on small, meaningful contributions and have the courage to embrace life's changing stages.

WIE Across ASEAN: Research, Resilience & Real Conversations

Date:
16 April 2026

Time:
02:30 - 4:30

Location:
Hybrid session

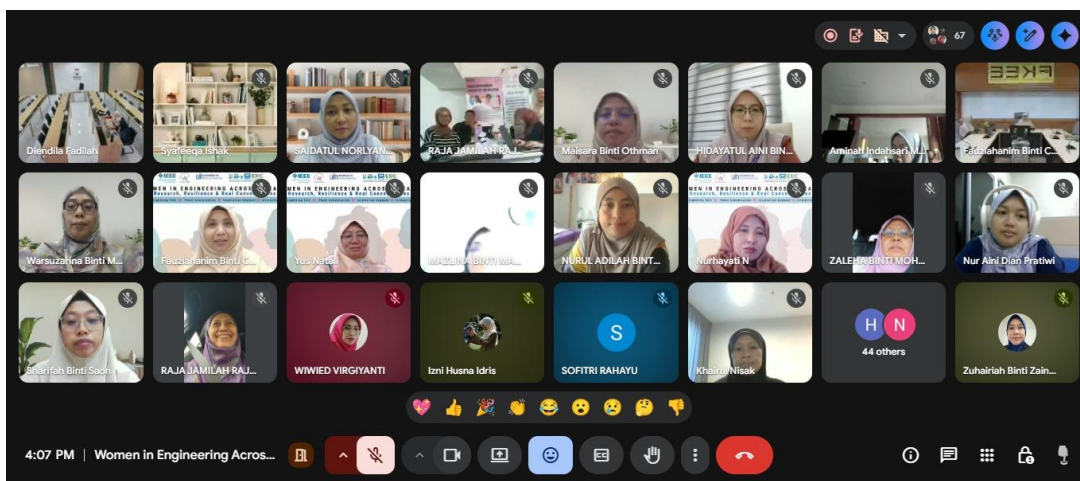


Photo 1 : Participants of the **Special** comprising speakers, organizers, and attendees from IEEE WIE Malaysia



Photo 2 : Moment captured with one of the onsite event at UM

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CHESS FOR BEGINNERS - An initiative for STEM!

The Chess for Beginners, open for Ages 6–12, program organized by IEEE Young Professionals Malaysia was a STEM-focused initiative designed to introduce young learners to the fundamentals of chess. Held on 7th January 2026 at 9:00 a.m. at the Faculty of Electrical Engineering (FKE), Universiti Teknologi MARA (UiTM) Pasir Gudang, the program aimed to develop essential cognitive skills through engaging and interactive sessions.

Participants explored basic strategies while enhancing spatial reasoning, logical thinking, and pattern recognition—skills that are essential for academic growth, particularly in mathematics and STEM-related fields. The program also provided a meaningful and enjoyable learning experience during the school holidays, encouraging early interest in critical thinking and problem-solving.

The session was supported by a representative from IEEE Young Professionals Malaysia and assisted by two high school student volunteers, contributing to a collaborative and engaging learning environment.

IEEE Young Professionals Malaysia



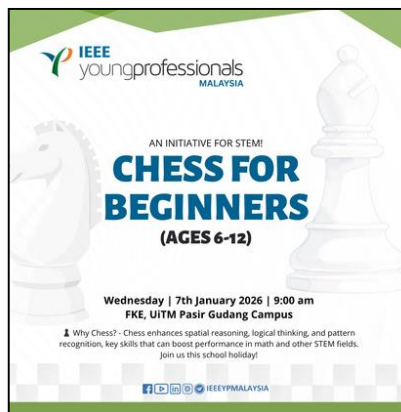
Chess for Beginners - An initiative for STEM!

Date:
7 January 2026

Time:
0900 - 1330

Location: Faculty of Electrical
Engineering, UiTM Pasir
Gudang Campus
Participant: 18

Prepared by:
Aznilinda Zainuddin
aznilinda@uitm.edu.my



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3rd International Tinker Innovation & Entrepreneurship Challenge 2026 (i-TIEC 2026)

The Closing Ceremony of the 3rd International Tinker Innovation and Entrepreneurship Challenge (i-TIEC 2026) marked the successful conclusion of a global innovation platform organized by Universiti Teknologi MARA (UiTM) Cawangan Johor. The programme was conducted in collaboration with IEEE Young Professionals Malaysia (IEEE YP Malaysia), as well as partner institutions including The Islamia University of Bahawalpur (Pakistan) and Universitas Labuhanbatu (Indonesia). Held virtually, the ceremony featured opening remarks, official anthems, prayer recitation, and welcoming and officiating addresses. A montage presentation highlighted key achievements and innovative projects throughout the programme.

The event concluded with the Awards Announcement, recognizing Gold Award recipients, i-TIEC Excellence Awards (Categories A1, A2, B1, B2, and C), and the prestigious i-TIEC Grand Excellence Award. The programme successfully brought together participants from various backgrounds, strengthening international collaboration and promoting innovation, creativity, and entrepreneurial excellence.

IEEE Young Professionals Malaysia



3rd i-TIEC 2026

Date:
17 April 2026

Time:
10.00 - 11.00 am

Location:
UiTM Johor Official Youtube
Platform
Participant: 268

Prepared by:
Zatul Iffah Abd Latiff
zatul0130@uitm.edu.my



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 **IEEE YP MALAYSIA**

IEEE Young Professionals Malaysia



22nd Annual General Meeting 2026

Date:
1st February 2026

Time:
2:30Pm - 5:30PM

Location: Zoom Meeting
Participant: 25

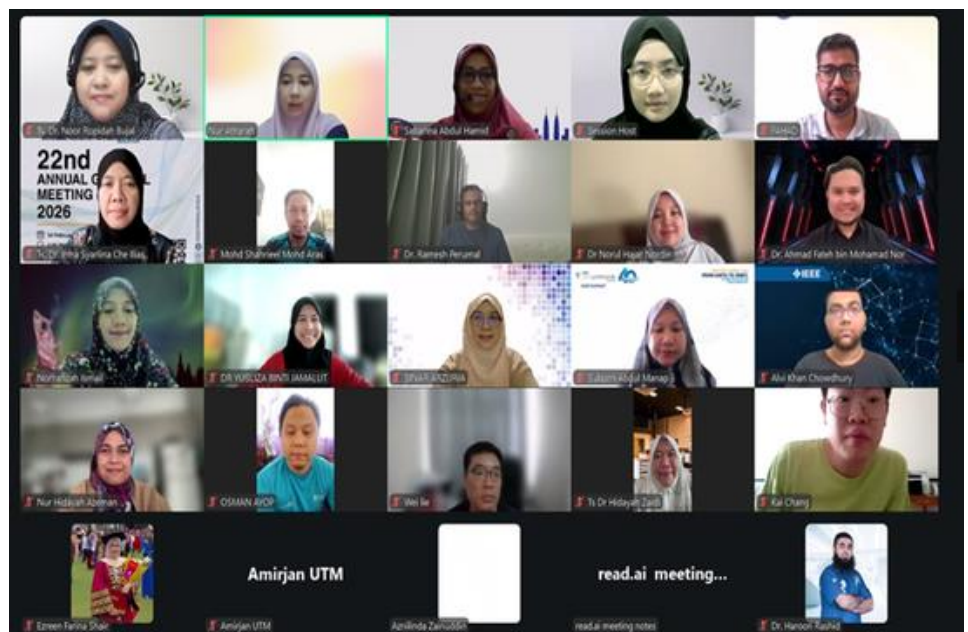
Prepared by:
Nur Atharah Kamarzaman
atharah8155@uitm.edu.my

22nd IEEE Young Professionals AGM 2026

The 22nd Annual General Meeting (AGM) 2026 of IEEE Young Professionals (YP) Malaysia was successfully held on 1st February 2026 via Zoom Meeting. The AGM gathers members of IEEE YP to reflect on a dynamic year of 2025 and shape the path forward. The meeting also acknowledged the achievements of 2025, which featured a wide range of technical, professional, and networking initiatives that strengthened member engagement.

A key highlight of the AGM was the election of the new Executive Committee. Nur Atharah Kamarzaman was elected as Chair, while Aznilinda Zainuddin was elected as Vice-Chair, marking the beginning of a new leadership term focused on growth and impact.

The session concluded with an address by the newly elected Chair, outlining future directions. The AGM was officially adjourned at 5:24 PM.

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9th Annual General Meeting SNCM

The 9th Annual General Meeting (AGM) of the SNCM was successfully held on 31 January 2026. A total of 33 members attended the meeting, which was conducted in a hybrid format (via Zoom and physically at Pusat Perubatan USM Bertam, Penang). The meeting commenced with opening remarks from the 2024–2025 Chair, Prof. Dr. Asrulnizam Abd Manaf. This was followed by the confirmation of the previous AGM minutes and the presentation of the 2025 Chapter Report, which included an overview of activities and the Treasurer's Report. After discussing other matters, the 2024–2025 Committee was dissolved to make way for the election of the 2026–2027 leadership. The newly elected SNCM 2026–2027 Executive Committee members are:

Chair: Assoc. Prof. Ir. Dr. Hasnizah Aris

Vice-Chair: Dr. Huzein Fahmi Hawari

Secretaries I & II: Assoc. Prof. Dr. Nurjuliana Juhari & Dr. Noraini Othman

Treasurers I & II: Dr. Illani Mohd Nawi & Dr. Norhayati Sabani

The meeting was adjourned at 5:00 PM.

IEEE Sensors & Nanotechnology Council Malaysia (SNCM)



9th Annual General Meeting

Date:

31st January 2026

Time:

2.30 – 5 pm

Location:

Pusat Perubatan USM Bertam, Penang

Participants : 33



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Sabah Subsection

Tinkercad Workshop

Student Branch (UMS) successfully conducted a Workshop on Tinkercad on 15 April 2026. This initiative aimed to bridge the gap between theoretical schematics and practical application by providing students with a robust virtual environment for circuit simulation. The workshop bridged the gap between theoretical electronics and practical application by empowering 14 participants to transform schematic concepts into functional virtual circuits. By mastering this digital workflow, participants engaged in high-impact, risk-free experimentation that allowed them to troubleshoot and optimize electronic systems without the constraints of physical hardware. This hands-on approach not only fostered technical proficiency in managing components like resistors and LEDs but also equipped attendees with essential modern engineering skills through real-time, computer-based simulation.

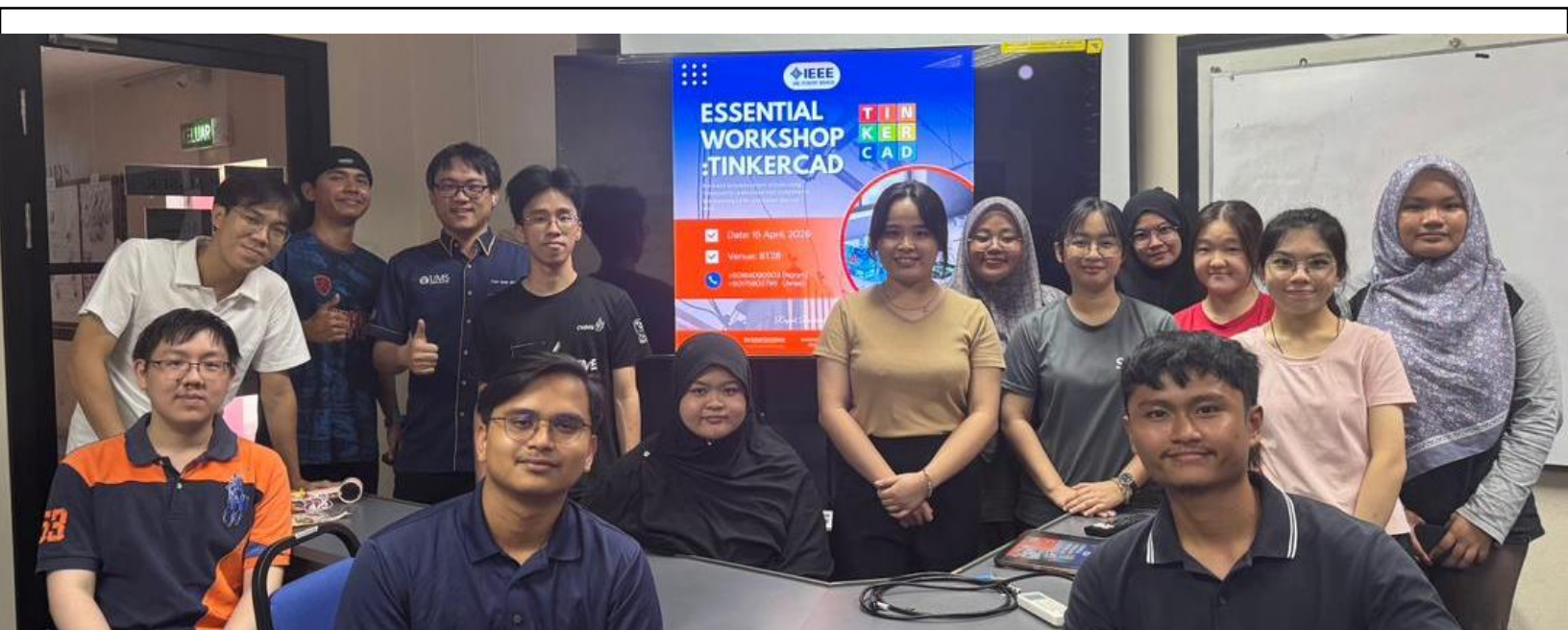
Tinkercad Workshop

Date:
15 April 2026

Time:
2pm to 4 pm

Location:
Faculty of Engineering,
Universiti Malaysia Sabah

Participant: 14



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Hands-On Training: Experience Precision in RF Test & Measurement



**IEEE Council on RFID
Malaysia Chapter**

A hands-on technical session titled “*Experience Precision in RF Test & Measurement*” was successfully conducted on 22 January 2026 at the TVET Centre, Universiti Malaysia Perlis (UniMAP). Organized by the Faculty of Electronic Engineering and Technology (Electronic Telecommunication Design) with the collaboration of the IEEE Council on RFID Malaysia Chapter, the program brought together 15 participants, including 12 IEEE members.

The session featured Mr. Jeremy Choong, Director of Sanko Technology, who delivered a live demonstration using advanced RF test equipment from Bird Technologies (USA). Participants were introduced to key RF measurement techniques such as forward and reflected power measurement, Voltage Standing Wave Ratio (VSWR) analysis, and insertion loss evaluation.

The session also covered signal analysis and troubleshooting methods, including interference detection and signal monitoring. Overall, the activity enhanced participants’ practical understanding of RF systems and strengthened their technical competencies through industry exposure.

Hands-On Training: Experience Precision in RF Test & Measurement

Date & Time:

22 January 2026

08.00am – 05.00pm

Location: TVET Centre,
UniMAP

Prepared by:

Nur Hidayah Ramli &

Lim Chee Chin

University Malaysia Perlis

EXPERIENCE PRECISION IN RF TEST & MEASUREMENT

Join us for a live demonstration session featuring cutting-edge instruments from Bird Technologies (USA)

Explore high-performance tools for:

- RF Power Measurement
- Antenna & Cable Testing
- Signal Analysis & Monitoring

JOIN US

Moderator
Dr Khairul Najmy Abdul Rani
Nor Aishanadia

Highlights
Demo on Radio
Frequency Equipment

Thursday
22nd January 2026

Time
10.00 AM - 12.00 PM
Blok A, Pusat TVET UniMAP,
Bangunan Latihan Pusat
Kejuruteraan, Kampus, Alam
Pauh Putra, Arau, Perlis



IEEE Robotics and Automation Society

Annual General Meeting (2026)

The **IEEE RAS Malaysia Chapter** successfully held its 2026 Annual General Meeting on February 7th at Berjaya Times Square, Kuala Lumpur. Outgoing Chair Muhammad Fahmi presided over the session, celebrating a highly productive term that saw the successful execution of **ROMA 2025** and a total of **40 technical events** over two years. The chapter also reported exceptional financial health, with 2025 performance exceeding projections and earning full verification from auditors, followed by a ceremony honoring the dedication of its members with official certificates of recognition. The meeting concluded with a formal transition of leadership for the **2026–2027 term** to ensure continued growth and innovation. Under the guidance of Election Commissioner Md Raisuddin, a new committee was elected, featuring **Sivajothi A/L Paramasivam as Chair**, Wan Zailah Bt Wan Said as Vice Chair, Danny Ng Wee Kiat as Treasurer, and Kosalishkwaran A/L Ganeson as Secretary. This new leadership team is set to build upon the chapter's recent momentum, focusing on fiscal stability and increased engagement within the robotics and automation community.



IEEE AGM 2026

Date:

7th February 2026

Time:

8:45 AM – 10:45 AM

Location:

Berjaya Times Square

Participants : 18



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IEEE Robotics and Automation Society



Joint Cross-Border Technical Secretariat meeting between the IEEE RAS Malaysia Chapter and the IEEE Oman Section (UTAS-IBRA Campus)

On March 12, 2026, the **IEEE RAS Malaysia Chapter** and the **IEEE Student Chapter Oman Section** successfully held a joint technical secretariat meeting to finalize the framework for the **IEEE International Innovation Project Competition (IICP) 2026**. This collaborative initiative will feature a hybrid participation model, targeting undergraduate teams of up to four members across six cutting-edge domains, including **AI and Data Science, Robotics, and Green Automation**. With a streamlined two-stage evaluation process involving industry experts, the competition is designed to bridge the gap between academic design and real-world deployment.

The partnership aims to drive global innovation by hosting an estimated **60 projects and 240 students** from both Malaysia and Oman. Beyond the competition itself, the collaboration offers significant value through **publication opportunities** for outstanding projects and strategic industry sponsorships. By emphasizing IEEE membership and cross-border networking, the IEEE IICP 2026 stands as a milestone event in fostering technical excellence and professional growth within the international engineering community.

Cross Border Technical Secretariat Meeting

Date:

12th March 2026

Time:

5:00 PM – 6:00 PM

Location:

Berjaya Times Square

Participants : 5



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IEEE Power Electronics Society (PELS)



13th Annual General Meeting PELS Malaysia Chapter 2026

The 13th Annual General Meeting (AGM) of the IEEE Power Electronics Society (PELS) Malaysia Chapter was successfully conducted in a hybrid format on 24 January 2026, with the participation of 18 PELS members. During the meeting, the election and appointment of the 2026 Executive Committee were carried out for a two-year term, with the next election scheduled for 2028. The session also featured constructive and forward-looking discussions aimed at strengthening the chapter's activities and overall performance in the coming year. In 2025, the chapter successfully organized a total of 27 activities, comprising 12 technical activities, 7 administrative activities, 1 professional activity, 5 non-technical social activities, and 2 non-technical pre-university activities. All activities have been duly recorded and updated in vTools.

13th Annual General Meeting

Date:
24 January 2026

Time:
10.00am – 11.30am

Location:
Le Méridien Putrajaya,
Wilayah Persekutuan

Participant : 18



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2026 IEEE-PELS 1st Executive Committee Meeting of IEEE Power Electronics Society (PELS), Malaysia Chapter

IEEE Power Electronics Society (PELS)



1st Excomm Meeting

Date:

24 January 2026

Time:

11.30am – 12.30pm

Location:

Le Méridien Putrajaya,
Wilayah Persekutuan

Participant : 11

The IEEE PELS Malaysia Chapter Executive Committee (ExCom) Meeting was convened to discuss key plans and updates for 2026. The meeting commenced with a welcoming address by the 2026 Chapter Chair, followed by the presentation of portfolios for the newly appointed Executive Committee members. The Treasurer then presented the chapter's financial report, providing an overview of the current financial status. The committee proceeded with discussions on the planning of upcoming activities for 2026, including the IEEE PELS Day celebration. The meeting concluded after addressing several other matters, with all members expressing their commitment to further strengthening the chapter's performance and impact in the year ahead.



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IEEE Power Electronics Society (PELS)



IEEE PELS Malaysia Chapter 1st Networking Lunch 2026

Networking Lunch for IEEE PELS Malaysia Chapter

The IEEE PELS Malaysia Chapter 1st Networking Lunch 2026 provided a welcoming platform for members, researchers, industry practitioners, and students to connect in a relaxed and informal setting. The session encouraged the exchange of ideas, experiences, and insights related to power electronics and its emerging applications. Participants had the opportunity to build new professional relationships, strengthen existing networks, and engage in meaningful discussions that could lead to future collaborations. The friendly atmosphere fostered open interaction, making it an enriching experience for all attendees. The networking lunch reflects the chapter's continuous effort to promote community engagement and strengthen collaboration among academia and industry.

Date:

24 January 2026

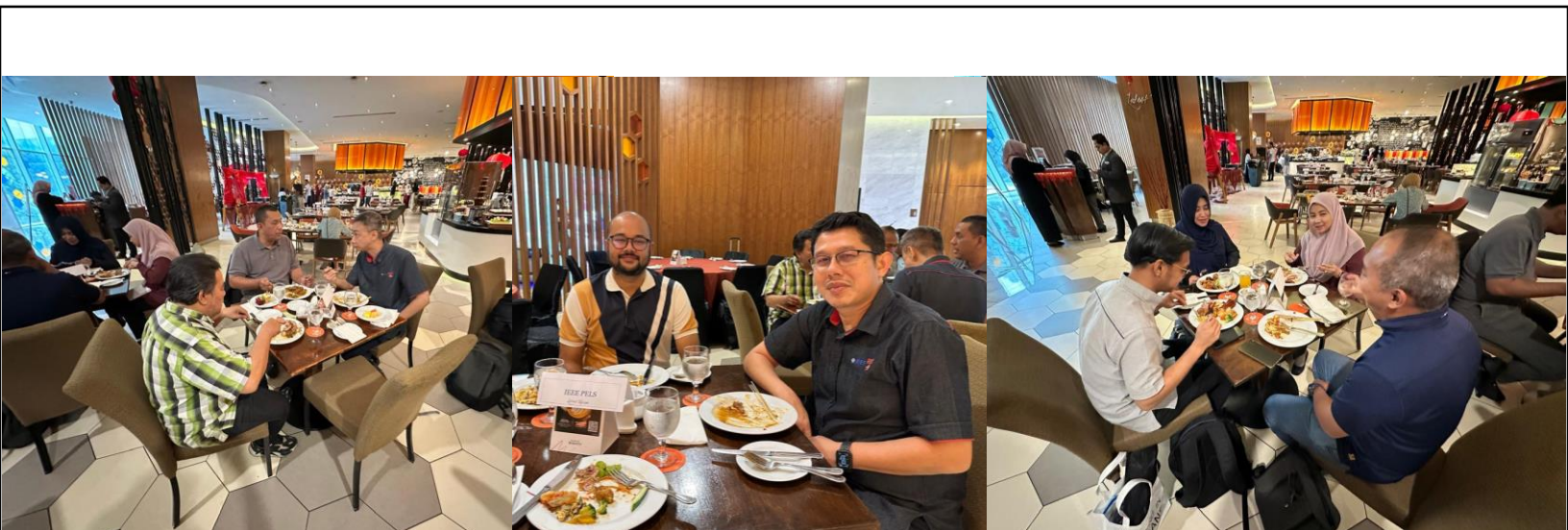
Time:

12.30pm – 2.00pm

Location:

Le Méridien Putrajaya,
Wilayah Persekutuan

Participant : 11



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IEEE Power Electronics Society (PELS)



Visit and Technical Talk by Assoc Prof Dr Yi Tang (NTU) to UKM

Visit and Technical Talk

Date:

13 April 2026

Time:

9.30am – 12.30pm

Location:

Faculty of Engineering and
Built Environment,
UKM Bangi, Selangor.

Participant : 20

On 13 April 2026, the Department of Electrical, Electronic & Systems Engineering at UKM hosted a hybrid research talk titled "Power Electronics for a Sustainable Future," supported by the IEEE PELS Malaysia Chapter. The insightful session was delivered by Associate Professor Dr. Yi Tang, Associate Chair of Graduate Studies at Nanyang Technological University (NTU), Singapore. Held from 9:30 AM to 12:30 PM at Bilik Mesyuarat Watan, FKAB, the event successfully fostered academic exchange on sustainable technologies, connecting physical attendees with an online audience and strengthening collaborative ties between UKM and NTU.



The image shows a promotional poster for a research talk and a group photo of the participants. The poster features a portrait of Associate Professor Dr. Yi Tang and details about the event. The group photo shows eight men standing in front of the UKM-NI Embedded Systems Lab.

Research Talk
Associate Professor. Dr. Yi Tang
Associate Chair (Graduate Studies)
Nanyang Technological University

Power Electronics for a Sustainable Future

Tarikh : 13 April 2026
Masa : 9.30pagi - 12.30tengahari
Lokasi : Bilik Mesyuarat Watan, FKAB, UKM. (Hybrid)

Meeting ID: 941 0458 0853
Passcode: 323586

SCAN ME

Anjuran :
JABATAN KEJURUTERAAN ELEKTRIK, ELEKTRONIK & SISTEM | FKAB | UKM

Logos: MALAYSIA MADANI, WATAN KITA, SUSTAINABLE DEVELOPMENT GOALS, #126, #53, LMU MUTU DAN BUDI

Group Photo: Eight men standing in front of the UKM-NI Embedded Systems Lab.

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2026 IEEE EPS Malaysia AGM



The IEEE Electronics Packaging Society (EPS) AGM 2026 was successfully conducted on 31 January 2026 via the Webex platform, with the participation of 33 members.

The virtual meeting facilitated effective engagement and deliberation on key society matters. During the AGM, members reviewed updates on society activities and approved three motions. Prof. Cheong Kuan Yew was elected as President-Elect, ensuring leadership continuity for the society. Ms. Hiew Pey Fang was promoted to the position of Secretary, acknowledging her commitment and contributions.

Members also endorsed Affin Bank or MBSB Bank as the shortlisted financial institutions for the society's account opening. The meeting also outlined the IEEE EPS plans for 2026, including technical talks, webinars, workshops, and initiatives to enhance member engagement and industry-academia collaboration.

The AGM concluded with constructive discussions and appreciation for members' continued support as IEEE EPS moves toward another productive year.

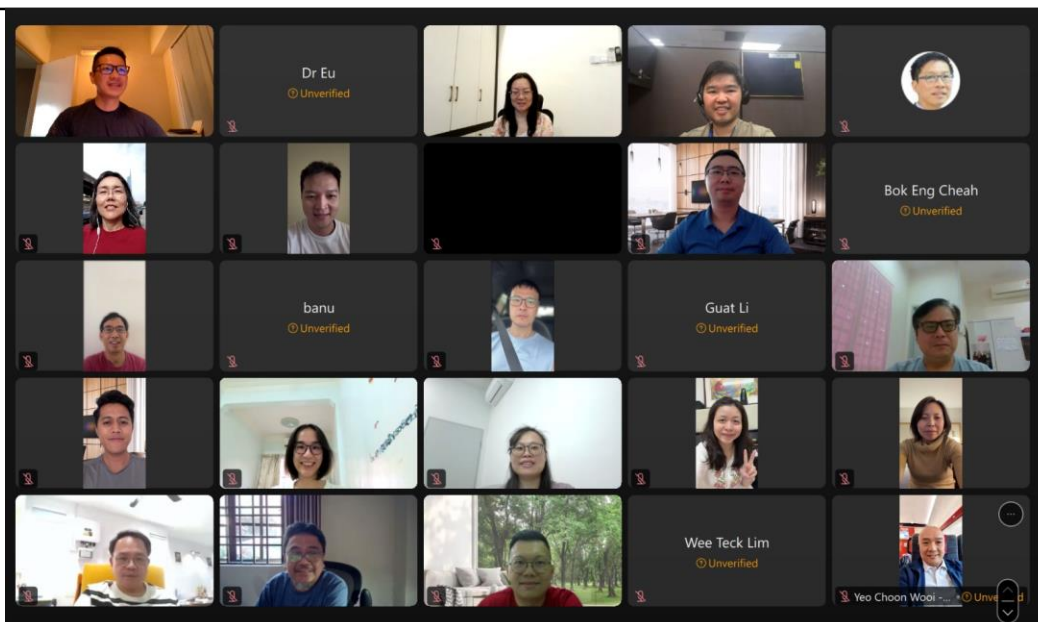
2026 Annual General Meeting

Date:
31st Jan 2026

Time:
0900 - 1000

Location:
Webex

Participants : 33



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<https://www.facebook.com/IEEE.my/>

Career Aspiration in Semiconductor Packaging – Nothing Is Impossible

A Professional Sharing session titled “Career Aspiration in Semiconductor Packaging – Nothing Is Impossible” was successfully held on 25 February 2026 at Tunku Abdul Rahman University of Management and Technology (TARUMT).

The event attracted 70 participants, comprising students, academics, and industry professionals.

The session was delivered by Dr. Eu Poh Leng, who shared valuable insights from his extensive career in the semiconductor packaging industry. Through personal experiences and real-world examples, Dr. Eu emphasized resilience, continuous learning, and adaptability as key factors for career success. His inspiring message reinforced the belief that with determination and the right mindset, no aspiration is beyond reach.

The event was jointly organized by IEEE Electronics Packaging Society (EPS) Malaysia, TARUMT, NXP Semiconductors, and MD, reflecting strong collaboration between academia and industry. The session concluded with an engaging Q&A, leaving participants motivated and better informed about career pathways in semiconductor packaging.

Professional Talk

Date:
25th Feb 2026

Time:
0900 - 1000

Location:
TARUMT

Participants : 70



NXP **TARUMT** **MD** **IEEE ELECTRONICS PACKAGING SOCIETY** **IEEE Malaysia Section**

CAREER ASPIRATION IN SEMICONDUCTOR PACKAGING NOTHING IS IMPOSSIBLE!

SPEAKER: Dr Eu Poh Leng, NXP Semiconductors

DATE: Wednesday 25 February 2026
TIME: 0900 am - 1000 am
VENUE: Auditorium, Bangunan Tun Tan Siew Sin, TAR Uni. of Management & Technology, Jalan Genting Kelang, Setapak, 53300 Kuala Lumpur.

Registration link:  Google map:  Waze: 

Abstract:
A successful career begins with right thinking and believing. Discover ample opportunities in Semiconductor Packaging. Dr. Eu Poh Leng shares her journey from process engineer to regional Senior Director, revealing the secret that Nothing is Impossible if you believe!

Profile:
Dr. Eu Poh Leng is Senior Director of External Package Innovation at NXP Semiconductors. With 29 years of experience, she has a distinguished record of innovation, including 88 technical papers, 4 journal articles, and a portfolio of 28 patents filed (12 issued).

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<https://www.facebook.com/IEEE.my/>

IEEE EPS Malaysia Introductory Session for Student Chapter



IEEE Electronics Packaging Society (EPS) Malaysia successfully conducted a Professional Sharing session titled "IEEE EPS Malaysia Introductory Session for Student Chapters" on 4 March 2026, via an online webinar platform.

The session was jointly organized by IEEE EPS Malaysia and the University of Malaya (UM) EPS Student Branch Chapter. The webinar was delivered by Associate Professor Ir. Dr. Nur Ashida Salim, who provided an informative overview of IEEE EPS, its technical scope, mission, and key initiatives supporting student and professional development.

The session aimed to enhance awareness of EPS activities and encourage active engagement among student members. Students from the UM EPS Student Branch Chapter and the University of Nottingham Malaysia Student Branch Chapter participated in the session.

The interactive discussion helped strengthen collaboration between IEEE EPS Malaysia and university student chapters, fostering greater involvement in future technical and professional activities.

Professional Talk

Date:

4th March 2026

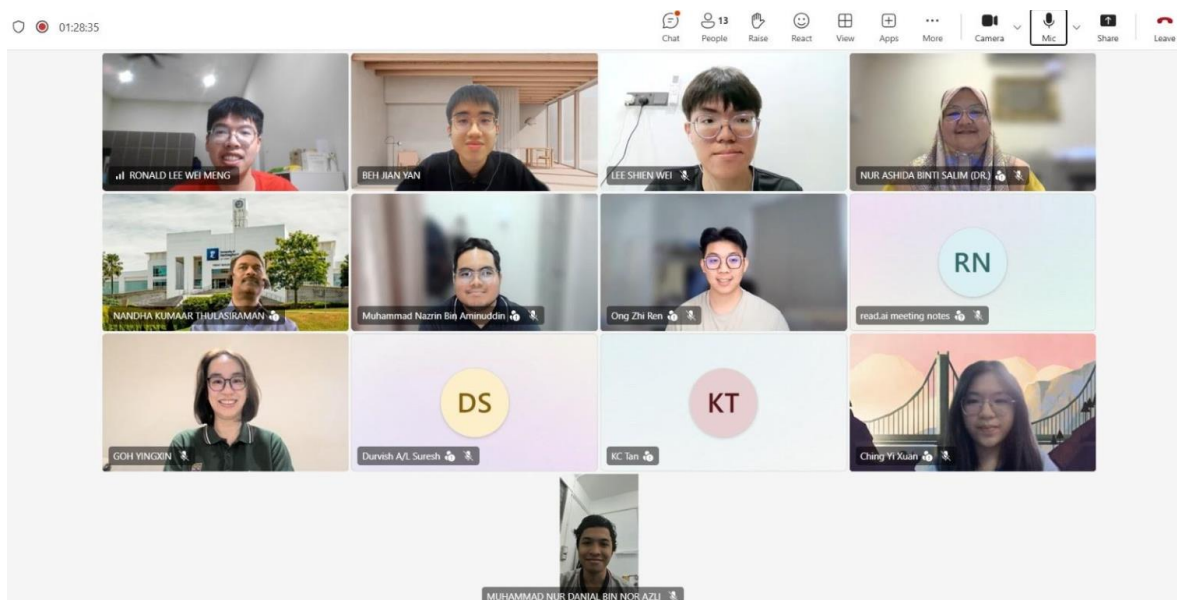
Time:

1600 - 1730

Location:

Microsoft Team

Pparticipants : 13



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<https://www.facebook.com/IEEE.my/>

UiTM–SJTU International Academic Bridge for Emerging Engineers

Education Society



Name of the Program

Date:

11 March 2026

Time:

8 am – 5 pm

Location:

Shanghai Jiao Tong University
(SJTU), Minhang Campus,
Shanghai China

IEEE Co –sponsor: RM500 from
EduSOc Malaysia Chapter &
RM500 from PES Malaysia
Chapter

Participant : 30

On 11 March 2026, the IEEE UiTM Student Branch, co-organised by the Education Society (EduSoc) Malaysia Chapter and IEEE Power & Energy Society (PES) Malaysia Chapter, successfully conducted the *UiTM–SJTU International Academic Bridge for Emerging Engineers* at Shanghai Jiao Tong University. The programme aimed to strengthen international academic collaboration, enhance IEEE student engagement, and promote knowledge exchange between UiTM and SJTU. The programme featured the active involvement of advisors from both institutions, reflecting strong academic leadership and collaboration. These included Assoc. Prof. Dr Li Yongfu, Advisor of the IEEE CASS SJTU Student Branch Chapter; Ir Dr Maizatul Zolkapli, Main Advisor of the IEEE UiTM Student Branch; Ir Dr Marianah Masrie, EduSoc Malaysia Chapter representative and 2nd Advisor of the IEEE UiTM Student Branch; and Assoc. Prof. Ir Dr Nur Ashida Salim, Advisor of the IEEE UiTM PES Student Branch Chapter.

Key activities included academic sharing sessions, a benchmarking workshop, a robotics laboratory visit, and campus and museum tours. Through the sharing sessions and benchmarking activities, participants gained insights into best practices in managing IEEE Student Branch initiatives, particularly in leadership development, technical programmes, and community engagement. The workshop encouraged critical thinking, teamwork, and the development of practical ideas that can be implemented within their respective student branches. The robotics laboratory visit provided exposure to real-world applications in robotics and intelligent systems, bridging theoretical knowledge with current technological advancements.

Overall, the programme delivered a holistic learning experience that integrates academic collaboration, practical exposure, and intercultural engagement, contributing to the development of globally minded and industry-ready engineers.



Artificial Intelligence: Preparing Young Minds for Industrial Revolution 4.0

The Microwave Research Institute (MRI), Universiti Teknologi MARA, with the support of the IEEE Malaysia Industrial Electronics / Industry Applications Joint Chapter, Engineering in Medicine and Biology Society, Antennas and Propagation / Microwave Theory and Technology / Electromagnetic Compatibility Joint Chapter, Control Systems Society, and Education Society, organised a STEM workshop for selected students from MRSM Pengkalan Hulu on the applications of artificial intelligence in smart systems. The workshop adopted a capstone project approach, whereby teams engaged in solving real-world problems using machine learning.

The programme was led by Assoc. Prof. Dr. Megat Syahirul Amin Megat Ali and assisted by Dr. Muhammad Hasif Azami, Assoc. Prof. Ir. Dr. Nurul Huda Abd Rahman, Assoc. Prof. Ir. Dr. Norashikin M. Thamrin, and Dr. Siti Amalina Enche Ab Rahim. Five smart system prototypes addressing issues in disease monitoring and precision agriculture were developed during the workshop. Each team was also exposed to the importance of protecting intellectual property through copyright applications.



IEEE Malaysia Industrial Electronics &
Industrial Applications Joint Chapter

Artificial Intelligence: Preparing Young Minds for Industrial Revolution 4.0

Date:

5-9 January 2026

Time:

08:00 - 17:00

Location:

**Microwave Research
Institute**

**Universiti Teknologi MARA
Shah Alam, Selangor**



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e-Logistics and Transport for FUTURE

In this project, team are required to design and develop a small-scale mini electric vehicle (EV) transporter prototype capable of carrying loads using a DC motor drive system. The vehicle will be powered by a rechargeable battery, driven through a motor driver (e.g., L293D), and controlled by a microcontroller such as Arduino, Microbit, or ESP board. The project emphasizes not only the construction of the prototype but also the systematic performance evaluation of the electric drive under different load conditions. You are also required to test the EV transporter with incremental loads and record key parameters such as motor speed (RPM), input current (A), voltage (V), torque (Nm), output power, and efficiency

The member of IEEE IE/IA Malaysia Chapter represented by Shamsul Aizam Zulkifli has been the judge and taskforce for this event. In this event it shows that the capability of Undergraduate student from UTHM to built and applied the concept of electric Drive in order to be applied for new e-logistics and transport mechanism

Link to video : [e-Transport Video](#)



IEEE Malaysia Industrial Electronics &
Industrial Applications Joint Chapter

e-Logistics and Transport for FUTURE

Date:

14 January 2026

Time:

17:00 - 19:00

Location:

Foyer G1

Faculty of Electrical and
Electronic Engineering,
Universiti Tun Hussein Onn
Malaysia



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IEEE Intelligent Transportation Systems Society (ITSS) Malaysia Chapter



Title

The webinar titled “Getting Your Research Published in Journals and Conferences: A Beginner’s Guide” was successfully conducted to guide students, young researchers and early-career academics on the academic publication process. Dr. Subho Paul shared practical insights on identifying suitable research problems, preparing well-structured manuscripts, selecting appropriate journals or conferences and improving paper quality before submission. The session also covered common rejection factors and effective ways to respond to reviewers’ comments, including preparing point-by-point replies as recommended in IEEE’s publication decision process. Overall, the event enhanced participants’ understanding of publication planning and encouraged them to approach journal and conference submissions more strategically, ethically and confidently. The session also supported the development of stronger research communication skills among participants.

Getting Your Research Published in Journals and Conferences: A Beginner’s Guide

Date:

Tuesday, 3rd March 2026

Time:

10.30 AM – 11.30AM (GMT +8)

Location:

Online Webinar (Google Meet)

IEEE Co –sponsor: ITSS

Malaysia Chapter

Participant : 15

GETTING YOUR RESEARCH PUBLISHED IN JOURNALS AND CONFERENCES: A BEGINNER’S GUIDE

Tuesday, 3rd March 2026
10.30 AM (GMT +8)

DR. SUBHO PAUL

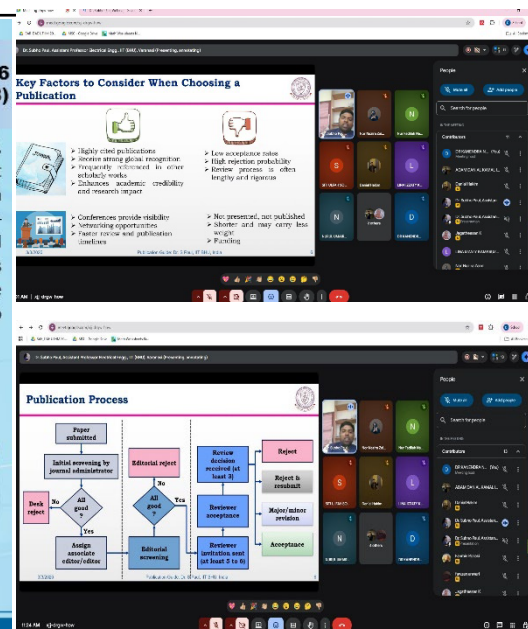
Dr. Subho Paul received his postgraduate degree in Electrical Engineering from Jadavpur University, India, in 2016, and his Ph.D. in Power Systems from IIT Roorkee, India, in 2021. He is currently an Assistant Professor with the Department of Electrical Engineering at IIT (BHU), Varanasi, and previously served as a Postdoctoral Research Associate at Washington State University, USA. He has published over 50 peer-reviewed articles in power system optimization, distribution network management, resiliency, and AI applications in electrical systems. He currently leads several sponsored research and consultancy projects exceeding USD 200,000 in total funding. Dr. Paul is a recipient of the University Gold Medal (2016), the Grid India Power System Award 2024, and the Prime Minister Early Career Research Grant 2025. He also serves as a reviewer for leading IEEE, Elsevier, and Springer journals.

Webinar Link: <https://meet.google.com/xjj-drgw-how>

In this talk, Dr. Subho Paul shares practical insights on how early-career researchers can successfully publish their work in reputable journals and conferences. He explains how to identify suitable research problems, structure manuscripts effectively, and select the right publication venues aligned with the scope and impact of the work. Drawing from his experience of publishing over 50 peer-reviewed articles, he highlights common mistakes that lead to rejection and strategies to improve acceptance rates. The session also covers the peer-review process, responding to reviewers’ comments, and maintaining publication ethics. He provides guidance on balancing journal and conference publications for academic visibility and career progression. The talk concludes with strategies for building a sustainable research and publication roadmap.



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IEEE Intelligent Transportation Systems Society (ITSS) Malaysia Chapter



Title

The webinar titled “Optimizing Operation of the Distribution Network Grid-Edge Devices” was successfully conducted to provide participants with insights into the operation and control of modern distribution networks. Dr. Subho Paul discussed the role of distributed energy resources, smart inverters, battery energy storage systems, and electric vehicle integration in improving grid reliability, efficiency, and resilience. The session also highlighted optimization and artificial intelligence approaches for real-time control, voltage regulation, congestion management, and bidirectional power flow at the grid edge. These topics are increasingly important as distribution systems move towards higher renewable energy penetration, flexible demand, and data-driven grid operation. Recent studies also show that smart inverter coordination and optimization-based control can support voltage regulation and improve distribution network performance. Overall, the event enhanced participants’ understanding of intelligent grid-edge management and future research directions for modern power distribution systems.

Optimizing Operation of the Distribution Network Grid-Edge Devices

Date:

Thursday, 5th March 2026

Time:

10.30 AM – 11.30AM (GMT +8)

Location:

Online Webinar (Google Meet)

IEEE Co –sponsor: ITSS
Malaysia Chapter

Participant : 18

OPTIMIZING OPERATION OF THE DISTRIBUTION NETWORK GRID-EDGE DEVICES

Thursday, 5th March 2026
10.30 AM (GMT +8)

DR. SUBHO PAUL

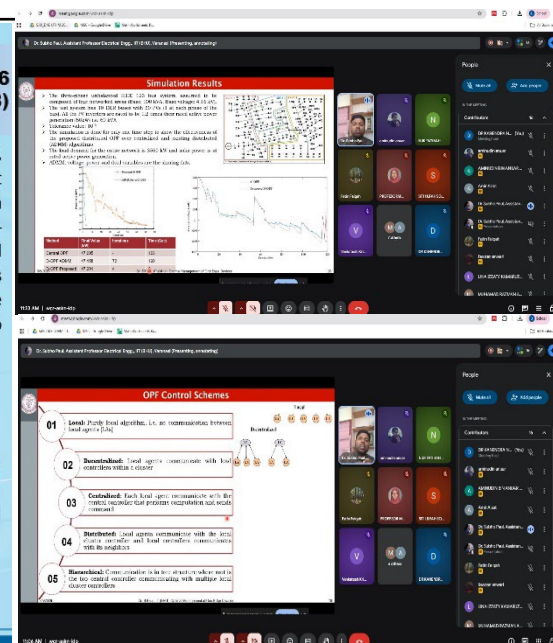
Dr. Subho Paul received his postgraduate degree in Electrical Engineering from Jadavpur University, India, in 2016, and his Ph.D. in Power Systems from IIT Roorkee, India, in 2021. He is currently an Assistant Professor with the Department of Electrical Engineering at IIT (BHU), Varanasi, and previously served as a Postdoctoral Research Associate at Washington State University, USA. He has published over 50 peer-reviewed articles in power system optimization, distribution network management, resiliency, and AI applications in electrical systems. He currently leads several sponsored research and consultancy projects exceeding USD 200,000 in total funding. Dr. Paul is a recipient of the University Gold Medal (2016), the Grid India Power System Award 2024, and the Prime Minister Early Career Research Grant 2025. He also serves as a reviewer for leading IEEE, Elsevier, and Springer journals.

Webinar Link: <https://meet.google.com/wcr-askn-idp>

In this talk, Dr. Subho Paul discusses advanced strategies for optimizing the operation of distribution network grid-edge devices to enhance reliability, efficiency, and resiliency. He explains the role of distributed energy resources (DERs), smart inverters, battery energy storage systems, and EV integration in modern power systems. The session highlights optimization techniques and artificial intelligence approaches for real-time control and decision-making at the grid edge. Practical challenges such as voltage regulation, congestion management and bidirectional power flow are addressed with case-based insights. He also presents recent research developments and funded project experiences related to distribution grid management. The talk concludes with future directions for intelligent, data-driven distribution network operation.



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IEEE Intelligent Transportation Systems Society (ITSS) Malaysia Chapter



Title

The “Hands-On Workshop on Optimization” was successfully conducted to expose participants to practical optimization techniques using MATLAB software with emphasis on Particle Swarm Optimization (PSO). The workshop focused on real-world engineering problem solving, particularly applications in power system optimization, such as load flow analysis, economic dispatch, energy management and smart grid decision-making. Participants gained hands-on experience in developing and running PSO algorithms using MATLAB M-file, enabling them to understand the optimization process through coding, numerical computation, result analysis and visualization. MATLAB supports the development of scripts and functions in .m files, which makes it suitable for building customized optimization algorithms for engineering applications. Overall, the workshop enhanced participants’ analytical and technical skills while strengthening their confidence to apply optimization methods in final year projects, research and power engineering applications.

Hands-On Workshop on Optimization

Date:

17 April 2026

Time:

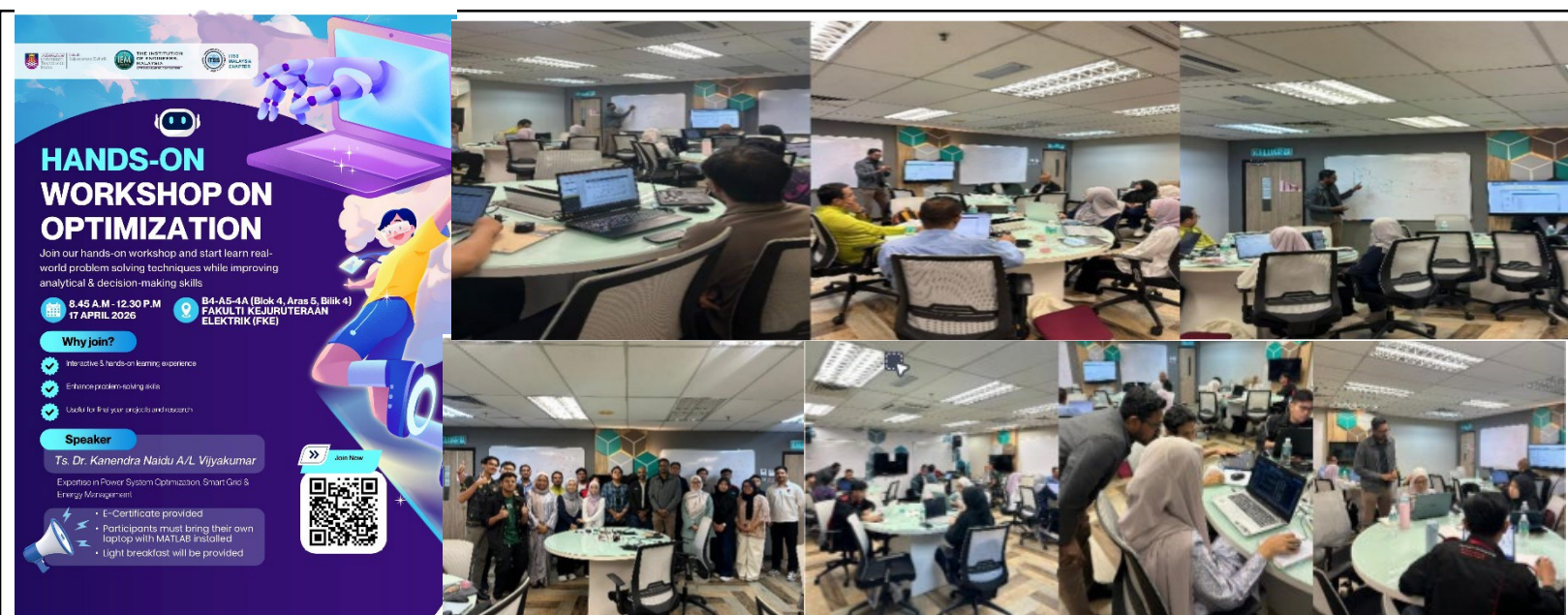
8.45 AM – 12.30 PM (GMT +8)

Location:

SMART Classroom, Fakulti
Kejuruteraan Elektrik (FKE),
UiTM Shah Alam

IEEE Co –sponsor: ITSS
Malaysia Chapter

Participant : 15



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Enriching Research Perspectives Through Student Mobility at Tokyo University of Agriculture and Technology (TUAT), Tokyo, Japan



IEEE Photonics Society

Mobility

Date:

1 February 2026

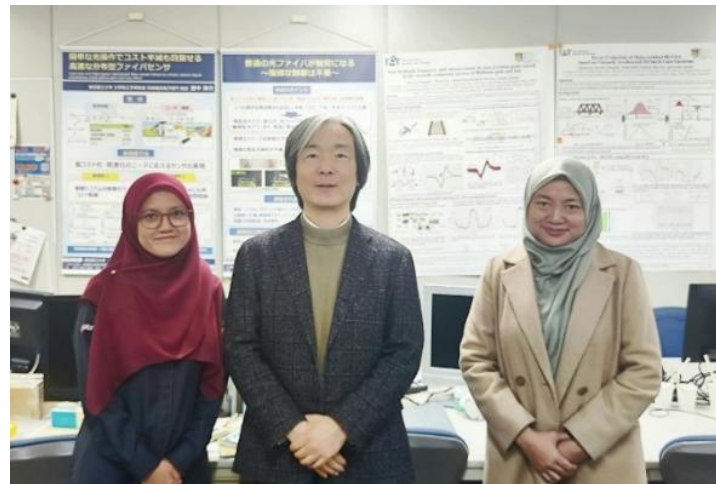
Location:

Tokyo University of Agriculture and Technology (TUAT), Tokyo, Japan

IEEE Co –sponsor: Photonics
Malaysia Chapter

Participant : 4

On 1 February 2026, UKM Photonics Technology Laboratory (PTL) postgraduate students Intan Fatimah Sasila Binti Ghadzali and Ain Nabihah Binti Mohammad Rihan began a two-week mobility program at the Tokyo University of Agriculture and Technology (TUAT). Supervised by Assoc. Prof. Dr. Mohd Saiful Dzulkefly Zan and organized by MyIPS and UKM, the initiative aimed to enhance international academic exposure and foster future research collaborations. Hosted by Prof. Dr. Yosuke Tanaka, the students engaged in hands-on laboratory demonstrations and discussions focused on distributed optical fiber sensing systems, specifically Brillouin Optical Time Domain Analysis (BOTDA). This valuable experience provided advanced technical insights directly relevant to ongoing research at PTL, successfully bridging knowledge and strengthening ties between the two institutions.



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Enriching Assembling Three Optical Devices to Detect Gas Leaking using Distributed Acoustic Sensing



IEEE Photonics Society

Photonics Lecture Series

Date:
9 February 2026

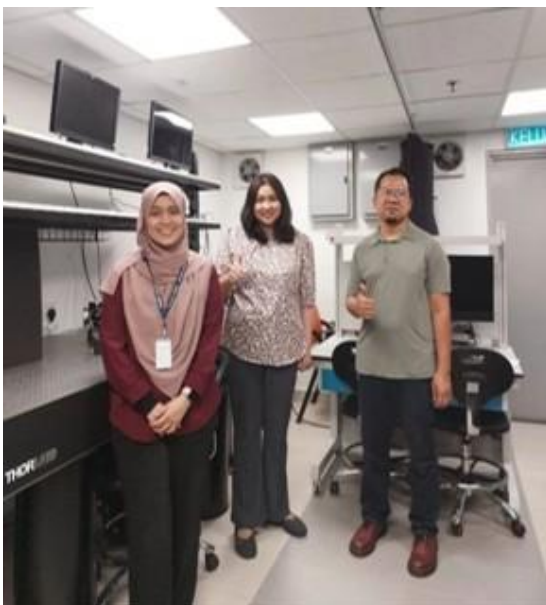
Time:
10 am – 11 am

Location:
Sunway University

IEEE Co –sponsor: Photonics
Malaysia Chapter

Participant : 6

On 9 February 2026, Sunway University hosted a specialized technical sharing session titled "Assembling Three Optical Devices to Detect Gas Leaking using Distributed Acoustic Sensing." Led by guest speaker Abdul Hadi Sulaiman from Universiti Sains Malaysia (USM), the morning talk focused on the practical integration and setup of optical sensing components for real-time monitoring. During the session, attendees learned how Distributed Acoustic Sensing (DAS) technology can be effectively applied to detect gas leaks. The presentation provided valuable insights into the deployment of practical photonics, highlighting how these intelligent sensing systems can significantly enhance industrial safety protocols.



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Visible Light Laser Diodes and Integrated Photonics for Emerging Applications

IEEE Photonics Society

Photonics Lecture Series

On 10 February 2026, Thinker Space 1.0 at the Faculty of Engineering (FK), UPM, hosted an insightful technical session led by Prof. Chao Shen of Fudan University, China. The morning presentation explored recent breakthroughs in visible light laser diodes and cutting-edge GaN- and InGaN-based devices. During the talk, Prof. Shen highlighted how these integrated photonics technologies are driving innovation across a variety of fields. Attendees gained valuable insights into the practical applications of these advanced devices, spanning visible light communication (VLC), underwater wireless optical communication (UWOC), sensing and displays, as well as nonlinear optics and quantum photonics.

Date:

10 February 2026

Time:

10 am – 11 am

Location:

Thinker Space 1.0, Faculty of Engineering (FK), UPM

IEEE Co –sponsor: Photonics Malaysia Chapter

Participant : 13



TECHNICAL TALK
VISIBLE LIGHT LASER DIODES AND INTEGRATED PHOTONICS FOR EMERGING APPLICATIONS
DATE : 10 FEBRUARY 2026
TIME : 10 AM - 11:15AM
VENUE : THINKER SPACE 1.0, FK

SYNOPSIS
Due to the rapid deployment of solid-state lighting and display systems, group III-nitride materials, mainly In, Ga, AlN, have been mostly studied for light emitters, including light-emitting diodes (LEDs), superluminescent diodes (SLDs), and laser diodes (LDs). In addition, other kinds of active devices in visible light regime, such as modulators and photodetectors, become important for visible light communication (VLC), and underwater wireless optical communication (UWOC) applications. Visible light photodetectors and passive components operating in visible spectral region will also play a vital role in biochemical sensing, display and projection, nonlinear optics, and quantum photonics applications.

In this talk, the modulation characteristics of GaN-based LDs will be presented. The recent progress in design, fabrication and characterization of InGaN-based violet-blue laser diodes, and AlGaIn-based ultraviolet LDs will be reported. A modulator bandwidth exceeding 8 GHz has been achieved. Benefiting from the development of large modulation bandwidth InP-based laser diodes, laser-based VLC data link with multiplexers of 40 Gbps has been achieved. The recent progress in device fabrication and characterization of signal-laser-based VLC system exceeding 30 Gbps and WDM VLC system reaching 1 Tbps will be presented. In addition, several optical devices related to III-nitride integrated photonics will be discussed. Such device integration will pave the path for many emerging functionalities and applications, such as in communication, quantum, and atomic systems.

PROF. CHAO SHEN
College of Future Information Technology, Fudan University
Key Laboratory for Information Science of EM Waves (MOE), Fudan University



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Distributed Sensing Using Fabry–Pérot Interferometer Sensor Fabricated by Femtosecond Laser Writing Method

IEEE Photonics Society Photonics Lecture Series

On 25 February 2026, Sunway University hosted an afternoon technical session featuring Assoc. Prof. Ir. Dr. Lim Kok Sing from Universiti Malaya (UM). The talk introduced a novel spatial frequency division multiplexing (sFDM) fiber sensor network that utilizes an array of femtosecond laser-inscribed FBG-Fabry–Pérot interferometers (FBG-FPIs) integrated into a single fiber. During the presentation, Dr. Lim explained how this advanced system assigns each sensor to a unique spatial frequency channel, allowing overlapping spectra to be extracted individually via digital bandpass filtering. Unlike conventional WDM systems, this method enables all sensors to share the same broad optical spectrum without requiring separate wavelength allocations. The session concluded by highlighting the system's robust capabilities, particularly its successful demonstration of high-temperature distributed sensing up to 800°C with no observable crosstalk.

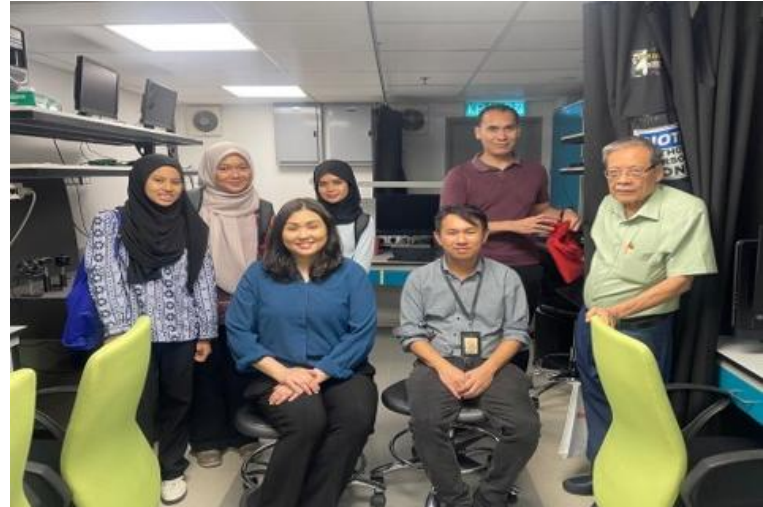
Date:
25 February 2026

Time:
10 am – 11 am

Location:
Sunway University

IEEE Co –sponsor: Photonics
Malaysia Chapter

Participant : 13



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<https://www.facebook.com/IEEE.my/>

Successful Award of IEEE Tryengineering STEM Grant 2026

IEEE Photonics Society

On 25 February 2026, Assoc. Prof. Dr. Arni Munira Markom was successfully awarded the prestigious IEEE Tryengineering STEM Grant. Her approved project, titled "Einstein Discovery Camp: Quantum Light and Intelligent Systems," secured USD 2,000 in funding under the IEEE Photonics Society Malaysia Chapter (Region 10). This grant will support dynamic STEM outreach activities designed specifically for school students. The initiative focuses on providing early exposure to engineering and technology through interactive, hands-on learning. Students will have the opportunity to explore cutting-edge fields, including photonics, quantum light, the Internet of Things (IoT), Artificial Intelligence (AI), robotics, and energy innovation. More details on the 2026 grant recipients can be found on the IEEE Tryengineering website.

Photonics Lecture Series

Date:
25 February 2026

Location:
UiTM Shah Alam

IEEE Co –sponsor: Photonics
Malaysia Chapter

Participant : 1

Congratulations to the following 2026 TryEngineering STEM Grant recipients:

Inspire Level (\$1,001 to \$2,000)

- **AI & Robotics Supply Chain Innovation Program for Underserved Youth** – \$2,000 (Funded by IEEE CS)
IEEE Pikes Peak Section – Region 5
- **AI Without Math: Making Machines Think and Act** – \$1,300 (Funded by IEEE SPS)
IEEE Student Branch, FUTMINNA – Region 8
- **ARStrobot 2026 – Youth IoT Workshop & Drone Pilot Competition** – \$2,000
IEEE Communications Society Indonesia Chapter – Region 10
- **Bit by Bit : Building the Future** – \$2,000 (Funded by IEEE CS)
IEEE Student Branch, Faculty of Sciences of Sfax – Region 8
- **Building Tomorrow's Engineers with SeaPerch: A Hands-On Robotics and STEM Learning Experience** – \$2,000
IEEE Orlando Section – Region 3
- **Drones, Robotics and AI Outreach and Training to High School Students** – \$1,900
IEEE Student Branch, Kenyatta University – Region 8
- **Einstein Discovery Camp: Quantum Light and Intelligent Systems** – \$2,000
IEEE Photonics Society Malaysia Chapter – Region 10
- **ElectroLab: Discovering Engineering through Electricity and Magnetism** – \$2,000
IEEE Student Branch, Universidad Tecnica Estatal de Quevedo – Region 9



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<https://www.facebook.com/IEEE.my/>

1.5-day Intensive Workshop: Turn Thesis to Research Book

IEEE Photonics Society

Workshop

Date:
26-27 February 2026

Time:
9 am – 4.30 pm

Location:
UiTM Shah Alam

IEEE Co –sponsor: Photonics
Malaysia Chapter

Participant : 5

On 26 and 27 February 2026, a specialized two-day event was held at the Institute for Infrastructure Engineering and Sustainable Management (IIESM) at UiTM Shah Alam. Running from 9:00 AM to 4:30 PM, the sessions were spearheaded by esteemed speakers Prof. Ir. Ts. Dr. Rohana Hassan and Assoc. Prof. Ts. Dr. Arni Munira Markom. The workshop hosted a highly focused group of attendees, comprising one IEEE member and four non-IEEE participants. During the event, the speakers led comprehensive discussions and activities centered around how to convert thesis to book. The intimate setting allowed for in-depth knowledge sharing, providing valuable insights and facilitating close-knit professional development for everyone involved.



1.5-DAY INTENSIVE WORKSHOP

Turn Thesis to Research Book

Date 26-27 FEB 2026	Day 1 9.00 AM - 4.30 PM Day 2 9.00 AM - 12.00 PM	Location IIESM, UiTM SHAH ALAM
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MISSION: COMPLETE & PUBLISH!



PROF. IR. TS. DR. ROHANA HASSAN



ASSOC. PROF. TS. DR. ARNI MUNIRA MARKOM

WHAT YOU'LL GAIN:

- Step-by-step Book Writing Guide
- Tips to Meet Publisher Requirements
- Strategies for Scopus/Mapiin Submission
- From Thesis to Book: You're Nearly There!

WORKSHOP MODULES:

- Thesis-to-Book Basics
- Book Layout & Terms
- Chapter Development
- Final Touches

Alhamdulillah, it's a great workshop. Within this one year, I have completed 5 books published by Springer. Inspired by IIESM.

Prof. Ir. Ts. Dr. Saifuddin Shuib
Faculty of Mechanical Engineering, UiTM Batch 2024.

I've just officially been published a research book by Springer. The easy-to-follow guidance from this workshop made the publication possible. Now I'm working on my second book.

Prof. Ir. Ts. Dr. Hamidah Mohd Saman
Faculty of Civil Engineering, UiTM Batch 2024.

Alhamdulillah, this writing workshop has proven effective as many of our groupmates have successfully published books from their theses. Highly recommended!

Prof. Ts. Dr. Ashraf Miki, CEng
Faculty of Electrical Engineering, UiTM Batch 2024.

RM250
20% less for UiTM & IEEE members

Scan the QR Code for Registration.

Deadline: 20 Feb 2026

SCAN ME

Organizers: IEEE Photonics Society, IIESM, UiTM Shah Alam

Contact us via email at: bookworkshop@iiesm@gmail.com

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<https://www.facebook.com/IEEE.my/>

DLP: Energy Challenges from a Materials Perspective

On 6 March 2026, the Faculty of Engineering at Universiti Putra Malaysia (UPM) hosted an engaging morning lecture at the Level 2 Dewan Seminar. The session featured distinguished speaker Prof. Dr. Federico Rosei from the University of Trieste, Italy, who presented to a focused audience of 15 attendees, which included six IEEE members. During his talk, Prof. Rosei explored the future of sustainable energy through the lens of materials science. He highlighted the critical role of nanostructured and multifunctional materials in advancing modern applications, specifically focusing on photovoltaics, solar hydrogen production, luminescent solar concentrators, and other cutting-edge optoelectronic devices. The two-hour session provided participants with deep insights into how these advanced materials can enable low-cost and low-energy-intensive manufacturing processes. Ultimately, the lecture underscored the vital importance of innovative material engineering in driving the global transition toward sustainable and clean energy solutions

IEEE Photonics Society Distinguished Lecture Program

Date:

6 March 2026

Time:

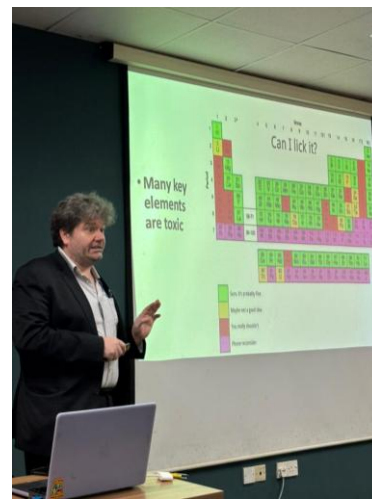
10 am – 12 pm

Location:

Faculty of Engineering, Universiti
Putra Malaysia (UPM)

IEEE Co –sponsor: Photonics
Malaysia Chapter

Participant : 15



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Industrial Visit to Ericsson 5G Portal on Enabling Technologies For 5G

On 2 March 2026, an educational industrial visit was organized to the Ericsson My5G Portal located at TRX. From 9:00 AM to 12:00 PM, students were given a unique opportunity to step outside the classroom and immerse themselves in real-world telecommunications infrastructure and practical 5G enabling technologies. During the visit, participants engaged with a variety of cutting-edge demonstrations. The showcase featured advanced telecommunications equipment, highlighting the deployment of massive MIMO antennas, millimeter wave systems, small cells, and innovative smart street furniture. This hands-on experience provided students with a valuable understanding of how these integrated technologies effectively support high-bandwidth and low-latency applications. By successfully bridging theoretical knowledge with practical industrial applications, the visit served as an excellent platform for strengthening ongoing engagement between academia and industry leaders.

IEEE Photonics Society

Industrial Visit

Date:

2 March 2026

Time:

9 am – 12 pm

Location:

Ericsson My5G Portal, TRX

IEEE Co –sponsor: Photonics

Malaysia Chapter

Participant : 14



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KNOWLEDGE SHARING ON EMERGING CELL-FREE 6G WIRELESS NETWORK TECHNOLOGIES



The technical talk was successfully held on 15 January 2026, from 3:00 p.m. to 4:30 p.m., at Universiti Putra Malaysia (UPM).

The invited speaker, Prof. Tadashi Matsumoto, Professor Emeritus at the University of Oulu, Finland, shared his expertise on emerging 6G wireless communication technologies, with emphasis on cell-free wireless networks, distributed MIMO, medium access control, and cooperative communication systems. The session provided participants with valuable exposure to advanced concepts supporting future high-capacity, reliable, and efficient wireless networks.

The event was co-organized by INSPEM, UTM, and the U-BAN Research Group, UTM. Overall, the talk was successfully conducted and contributed to knowledge enhancement in 6G wireless network research.

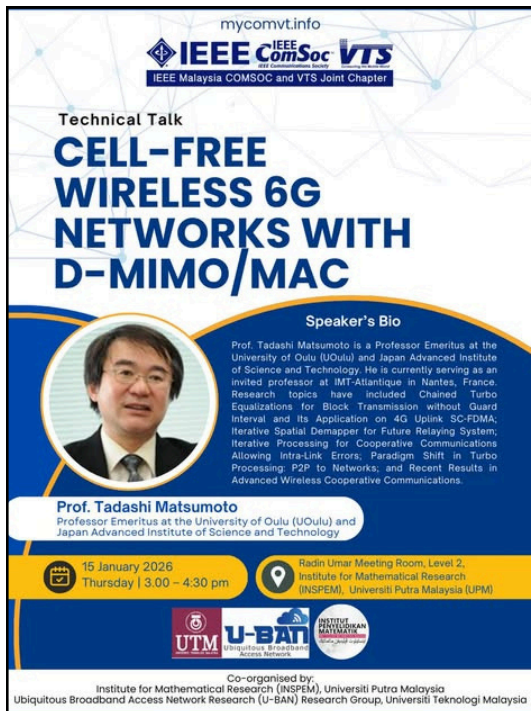
Knowledge Sharing on Emerging Cell-Free 6G Wireless Network Technologies

Date:
15 January 2026

Time:
3:00 pm

Location: INSPEM, Universiti Putra Malaysia (UPM)

Participant: 20



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IEEE ComSoc VTS
IEEE Malaysia COMSOC and VTS Joint Chapter

Technical Talk

CELL-FREE WIRELESS 6G NETWORKS WITH D-MIMO/MAC

Speaker's Bio

Prof. Tadashi Matsumoto is a Professor Emeritus at the University of Oulu (UOulu) and Japan Advanced Institute of Science and Technology. He is currently serving as an invited professor at IMT-Atlantique in Nantes, France. Research topics have included Chained Turbo Equalizations for Block Transmission without Guard Interval and its Application on 4G Uplink SC-FDMA, Iterative Spatial Demapper for Future Relaying System, Iterative Processing for Cooperative Communications Allowing Intra-Link Errors, Paradigm Shift in Turbo Processing: P2P to Networks, and Recent Results in Advanced Wireless Cooperative Communications.

Prof. Tadashi Matsumoto
Professor Emeritus at the University of Oulu (UOulu) and Japan Advanced Institute of Science and Technology

15 January 2026
Thursday | 3:00 – 4:30 pm

Radin Umar Meeting Room, Level 2,
Institute for Mathematical Research
(INSPEM), Universiti Putra Malaysia (UPM)

Co-organized by:
Institute for Mathematical Research (INSPEM), Universiti Putra Malaysia
Ubiquitous Broadband Access Network Research (U-BAN) Research Group, Universiti Teknologi Malaysia



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IEEE MYCOMVT AT THE 36TH IEEE MALAYSIA SECTION ANNUAL GENERAL MEETING (AGM 2026)



IEEE MyComVT participated in the 36th IEEE Malaysia Section Annual General Meeting (AGM-2026) held on 7 February 2026, from 8:00 a.m. to 2:00 p.m., at Berjaya Times Square Hotel, Kuala Lumpur. The AGM brought together IEEE Malaysia Section members, chapters, and volunteers to review the achievements of the 2025 session and discuss future plans for the section.

The programme included registration, chapter AGM sessions, the acceptance of the 35th AGM minutes, presentation of the Chairman's Report, Treasurer's Report and accounts, as well as discussion on other matters. The event also featured a brief celebration of the 40th Anniversary of IEEE Malaysia Section. A proud highlight for IEEE MyComVT was the announcement of the Educational Activities Award 2024, awarded for the chapter's impactful activity, Project Ideation Experience (PIE). This recognition reflected IEEE MYCOMVT's commitment to meaningful educational engagement and member-driven initiatives.

IEEE MyComVT at IEEE Malaysia Section AGM

Date:

7 February 2026

Time:

8:00 a.m. to 2:00 p.m

Location:

Berjaya Times Square Hotel



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IEEE MYCOMVT ANNUAL GENERAL MEETING (AGM) 2026



The IEEE Malaysia Communications Society and Vehicular Technology Society Joint Chapter (IEEE MyComVT) successfully held its Annual General Meeting (AGM) 2026 on 7 February 2026, from 2:30 p.m. to 4:30 p.m., at Berjaya Times Square Hotel, Kuala Lumpur. The meeting was attended by IEEE MyComVT members both physically and online.

The AGM provided an important platform to review the chapter's activities, acknowledge members' contributions, and discuss future directions for 2026. IEEE MyComVT extends sincere appreciation to all members for their time, support, and active participation, which contributed to the success of the session.

The chapter looks forward to continued engagement and stronger collaboration through upcoming IEEE MyComVT activities throughout 2026.

IEEE MyComVT Annual General Meeting (AGM) 2026

Date:

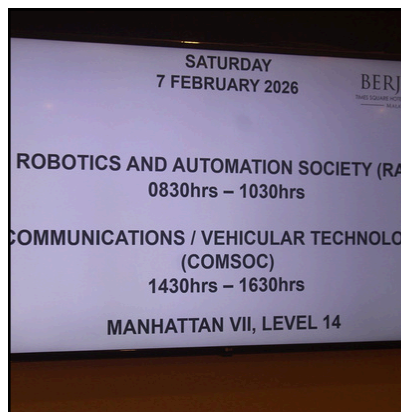
7 February 2026

Time:

2:30 p.m. to 4:30 p.m

Location:

Berjaya Times Square Hotel



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CELEBRATING 2025 MY COMSOC/VTS CHAPTER AWARDS WINNERS



2025 IEEE MyComVT Chapter Awards were presented after the 2025 AGM session to recognize outstanding contributions and achievements by chapter members. The awards celebrated excellence in research, postgraduate work, and academic leadership within the MY ComSoc/VTS community. Awards available was for :-

IEEE Malaysia ComSoc/VTS Joint Chapter Best Paper Award.

IEEE Malaysia ComSoc/VTS Joint Chapter Best Master Thesis Award.

IEEE Malaysia ComSoc/VTS Joint Chapter Best Ph.D. Thesis Award

IEEE Malaysia ComSoc/VTS Joint Chapter Promising Young Researcher Award

IEEE Malaysia ComSoc/VTS Joint Chapter Best Researcher Award

Celebrating 2025 MY ComSoc/VTS Awards Winners

Date:

7 February 2026

Time:

3:30 p.m

Location:

Berjaya Times Square Hotel

Details of the winners can be seen at :-

<https://www.facebook.com/share/p/1GjYJPuzK/>

We look forward to receiving even more high-quality and impactful submissions in 2026, and we strongly encourage greater participation as we continue to grow and strengthen the ComSoc/VTS community together !



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CELEBRATING 20 YEARS OF MYCOMVT (2006 – 2026) WITH MYCOMVT MEMBERS



IEEE MyComVT took the opportunity during the gathering of the 2026 Annual General Meeting to celebrate its 20th anniversary, marking two decades of growth, service, commitment, collaboration, and contribution since 2006. Wow!

The celebration brought together MyComVT members, exco members, and volunteers in a warm and meaningful setting. A cake-cutting session was held to commemorate this important milestone and to appreciate the dedication of past and present members who have supported the chapter's journey.

This celebration reflected IEEE MyComVT's continuous commitment to technical excellence, professional networking, and impactful activities. The chapter looks forward to strengthening its community and delivering more meaningful programmes in the years ahead.

Celebrating 20 Years of MyComVT (2006 – 2026)

Date:
7 February 2026

Time:
3:30 p.m

Location:
Berjaya Times Square Hotel



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MYCOMVT EXECUTIVE COMMITTEE MEETING



The IEEE MyComVT Executive Committee Meeting was held on Saturday, 7 February 2026, at Berjaya Times Square Hotel, Kuala Lumpur. The meeting was conducted on the same day as the IEEE Malaysia Section AGM and MyComVT AGM, allowing the ExCom members to use the gathering productively for internal planning.

The session focused on the planning of MyComVT activities for 2026, including programme coordination and budget planning according to each portfolio. This meeting provided an important platform for the ExCom team to align priorities, strengthen collaboration, and prepare for a productive year ahead.

The day concluded with an Appreciation Dinner and a group photo session, marking a meaningful end to the AGM and planning sessions.

MyComVT Executive Committee Meeting

Date:
7 February 2026

Time:
5:00 p.m

Location:
Berjaya Times Square Hotel



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TECHNICAL TALK ON AI-ENABLED MULTIPHYSICS RESEARCH FOR INTEGRATED CHIPLETS



A technical talk titled “AI-Enabled Multiphysics Research for Integrated Chiplets” was successfully held on 11 February 2026, from 2:00 p.m. to 5:00 p.m., at P05–105, Faculty of Electrical Engineering (FKE), Universiti Teknologi Malaysia, Johor, with an online participation option via Google Meet.

The session featured Prof. Dr. Li Er-Ping from Zhejiang University, China, who shared insights on recent advances in AI-driven multiphysics research and its applications in integrated chiplet systems. The talk provided participants with valuable exposure to emerging approaches in advanced electronic systems and interdisciplinary research.

The event was organized by FKE and co-organized by the Faculty of Artificial Intelligence (FAI) and IEEE Malaysia ComSoc/VTS Joint Chapter.

Technical Talk on AI- Enabled Multiphysics Research for Integrated Chiplets

Date:
11 February 2026

Time:
2:00 p.m

Location:
Faculty of Electrical
Engineering (FKE), Universiti
Teknologi Malaysia, Johor



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IEEE WIRELESS COMMUNICATIONS AND NETWORKING CONFERENCE

The IEEE MyComVT proudly served as the organizer of the IEEE Wireless Communications and Networking Conference (WCNC) 2026, held from 13 to 16 April 2026 at the Kuala Lumpur Convention Centre (KLCC), Kuala Lumpur, Malaysia. The conference successfully brought together researchers, engineers, academicians, industry practitioners, and technology leaders from around the world to exchange knowledge and discuss the latest developments in wireless communications, 5G networks, 6G technologies, and future connectivity systems.

The successful organization of WCNC2026 was the result of more than four years of dedicated preparation and collaboration. The local organizing committee consisted largely of IEEE MyComVT members, including both current and past executive committee members, who contributed significantly towards the planning, coordination, and execution of this prestigious flagship IEEE conference.

In addition to organizing the conference, IEEE MyComVT also hosted a chapter booth to promote its activities, strengthen engagement with conference participants, and foster networking within the wireless communications community. IEEE MyComVT remains committed to supporting technical excellence, professional collaboration, research advancement, and knowledge sharing in the field of wireless communication and networking technologies.

IEEE Malaysia ComSoc/VTS Joint Chapter



IEEE Wireless Communications and Networking Conference (WCNC) 2026

Date:
13-16 April 2026

Location:
Kuala Lumpur Convention Centre (KLCC)

Watch WCNC2026 at YouTube:-

Day 1 :

<https://www.youtube.com/watch?v=aRE3yBBM5-I>

Day 2 :

<https://www.youtube.com/watch?v=12fZiQ4WNP8>

Day 3 :

<https://www.youtube.com/watch?v=l6yJZRwlWgQ>

Day 4 :

<https://youtu.be/0mKOTu6GVtc>



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SEMINAR ON 5G TECHNOLOGY AND BEYOND



The Seminar on 5G Technology and Beyond was successfully held on 15 April 2026, from 2:00 p.m. to 4:30 p.m., at BK17, FTKEK Main Campus, with hybrid participation through Microsoft Teams. The seminar featured Professor Emeritus Dr. Tharek Abd Rahman, Fellow of the Academy of Sciences Malaysia and MCMC Advisor, as the invited speaker.

Prof. Tharek shared valuable knowledge on current 5G technology, future telecommunications trends, and the direction of next-generation connectivity. The session attracted more than 100 participants, including students, researchers, academicians, and industry representatives, both physically and online.

The event was organized by FTKEK, together with CeTRI and the Microwave Research Group, and jointly organized with IEEE Malaysia ComSoc/VTS Joint Chapter. Overall, the seminar was successfully conducted and well received.

Seminar on 5G Technology and Beyond

Date:
15 April 2026

Time:
2:00 p.m

Location:
Berjaya Times Square Hotel

Participant: 20





Seminar (hybrid)

5G TECHNOLOGY AND BEYOND

**PROFESSOR EMERITUS
DR THAREK ABD RAHMAN**
Fellow of Academic of Science Malaysia (FASc)
and MCMC Advisor

SIGNATURE PROGRAM: 5G PLUS

Online Link
Microsoft Teams



<https://msteams.link/983V>



15 April 2026
2.00-4.30PM
BK17, FTKEK
MAIN CAMPUS

Registration Link
<https://forms.gle/hyrwPmLsFyAPMhSx6>



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IEEE ISTT 2026 CALL FOR PAPERS - IS NOW OPEN!



14 - 15 OCTOBER 2026 | **KUALA LUMPUR, MALAYSIA**

CALL FOR PAPERS

IEEE Malaysia Communication Society and Vehicular Technology Society Joint Chapter (MyComVT) is proud to announce our flagship biennial conference, the 8th IEEE International Symposium on Telecommunication Technologies (ISTT2026) that will be held in Kuala Lumpur, Malaysia on 14-15 October 2026. ISTT2026 is the platform for international and local delegates to present their latest research findings in the area of telecommunications and vehicular technologies.

TRACKS

TRACK 1: NEXT-GENERATION COMMUNICATION SYSTEMS & PHYSICAL LAYER TECHNOLOGIES
Key Scopes: 6G and Emerging Technologies; Antenna Systems, Propagation, and RF Design; Reconfigurable Intelligent Surfaces; Terahertz and Visible Light Communications (VLC); Satellite Networks & Positioning; Optical Communication; Transmission Technologies and Communication Theory.

TRACK 2: AI-DRIVEN NETWORKS & INTELLIGENT SIGNAL PROCESSING
Key Scopes: Machine Learning for Communications; Cognitive Radio & AI-Enabled Networks; Signal Processing for Communications; Integrated Sensing & Communication (ISAC); Communication Software & Multimedia.

TRACK 3: IOT, CONNECTED VEHICLES & INDUSTRIAL APPLICATIONS
Key Scopes: Electric Vehicles & Intelligent Transportation; Vehicular Communications (V2V/V2I) and Telematics; IoV, IoT, M2M, and Sensor Networks; E-Health; Smart Grid Communications; Molecular & Biological Communications.

TRACK 4: NEXT-GENERATION NETWORKS, CLOUD-EDGE COMPUTING, AND SECURITY
Key Scopes: Cloud/Edge Computing & Data Storage; Backhaul & Networking; Next-Generation Networking & Internet; Protocols, Security and Services for Wireless Networks; Green Communication Systems & Networks; Quantum Communications & Computing.

TRACK 5: INVITED PAPERS



2026 8TH IEEE INTERNATIONAL SYMPOSIUM ON TELECOMMUNICATION TECHNOLOGIES

"Advancing Telecommunication and Vehicular Technologies for Intelligent Connectivity"

Conference Website
<https://istt2026.mycomvt.info>

Important Dates

- Full paper submission
01 Jun 2026
- Acceptance Notification
01 Aug 2026
- Author Registration & Camera-Ready Submission
30 Aug 2026
- Conference Date
14-15 Oct 2026

Submission



All submissions can be made through EDAS at <https://edas.info/N34575> or scan the QR code.

- Student grants are available for IEEE ComSoc/VTS student members from Malaysia and ASEAN institutions*
- Best paper award, best presenter award and more to be won.
- Proceedings will be published and indexed by IEEE Xplore and Scopus.

*Terms and conditions applied

 Conference Secretariat: ISTT2026 Secretariat, Faculty of Computing & Informatics, Multimedia University, 63100 Cyberjaya Selangor, Malaysia. Contact us at info@istt2026.mycomvt.info

 **STUDENT GRANTS AVAILABLE !**

 **SUBMIT YOUR PAPER NOW**

<https://edas.info/N34575>

 **More info:**

<https://istt2026.mycomvt.info>

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THE END