

# IEEE Malaysia Section Newsletter

## IEEE Sarawak Subsection

Reported by Ong Chin Ann ([ongca@ieee.org](mailto:ongca@ieee.org))

### 2021 IEEE SIGHT Volunteer of the Year and STEM Ambassador

**IEEE SIGHT**  
Special Interest Group on Humanitarian Technology

**IEEE**

**TRYEngineering**

**STEM Portal**

**IEEE**  
Advancing Technology for Humanity

**2021 IEEE SIGHT Volunteer of the Year**  
Ir. Ts. Dr. Then Yi Lung  
Founder & Chair, IEEE Sarawak Subsection SIGHT Group

**STEM Ambassador**  
Professor Lau Bee Theng

Dr. Then is the Founder and Chair of the Sarawak Subsection SIGHT Group, the first and only SIGHT Group in Sarawak, Malaysia. The Group started with six members, and they now have more than twenty.

In addition to that, another member of the IEEE Sarawak, Professor Lau Bee Theng, who is also an academic member of the Faculty of Engineering, Computing and Science at the Swinburne University of Technology Sarawak has been selected as the IEEE STEM Ambassador.

Dr. Then Yi Lung, the Chair of IEEE SIGHT Sarawak was selected as the 2021 IEEE SIGHT Volunteer of the Year for his outstanding contributions to IEEE SIGHT, his fellow SIGHT Group and HAC/SIGHT Project volunteers, and his local underserved community in Sarawak.

The global IEEE STEM Ambassador Program was developed to recognize IEEE volunteers for their contributions to pre-university STEM education. The Program resides under TryEngineering.org and works in partnership with the Volunteer STEM Portal.

**IEEE Sarawak Subsection Webinar Series**

**IEEE SENIOR MEMBERSHIP ELEVATION WORKSHOP**  
Senior member is the highest grade for which IEEE members can apply. IEEE members can self-nominate or be nominated for Senior Member grade.  
Time: 10:00 AM (Kuala Lumpur)  
Date: 27 Nov 2021 (Saturday)  
Zoom: <https://bit.ly/IEESMWorkshop2021>  
Speaker: Associate Prof Dr Jacey-Lynn Minoi  
Chair of IEEE Sarawak Subsection

**Tips and Tricks to 3D Printing**  
3D printing is a process of producing a physical object from a three-dimensional digital model using many successive thin layers of a material. With affordable and easy access to this technology, 3D printing opens new learning experience and excitement for both students and academicians. In this sharing session, we are going to share some essential guides, tips and tricks for 3D printing, and how 3D printing can help in the STEM education.  
Time: 9:30 AM, 21 Nov 2021 (Sun)  
Speaker: Dr Lau Sei Ping  
Platform: Zoom  
Free Registration: <https://bit.ly/3kzSoo1>  
during the pandemic.

**A Journey toward Sustainability and Humanity: From AI Research to Commercialisation**  
Speaker: Ts. Dr. Chai Kok Chin (CEO of neuron.ai)  
Time: 10:00 AM  
Date: 11 Dec 2021 (Sat)  
Platform: [bit.ly/IEETalk2021](https://bit.ly/IEETalk2021)  
Registration: [bit.ly/3rAnYK7](https://bit.ly/3rAnYK7)

The IEEE Sarawak Subsection's Professional Activities and Membership Development team chaired by Dr. Lee Beng Yong has organized three webinar series in November and December 2021.

The IEEE Senior Membership Elevation workshop was facilitated by a Senior Member who is also the Chair of IEEE Sarawak Subsection, Associate Professor Dr. Jacey-Lynn Minoi. The workshop aims to encourage more IEEE members to elevate their IEEE membership to a senior level.

Another webinar on the tips and tricks to 3D printing was delivered by Dr. Lau Sei Ping, Senior Member and academician at the Faculty of Computer Science and Information Technology, UNIMAS, Sarawak.

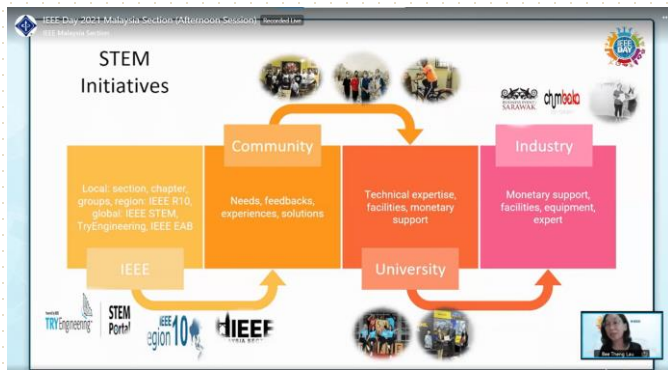
Dr. Lau shared his experience on 3D printing projects and how he became an active member of the Digital Makerspace Hub at UNIMAS. Dr. Lau further shared his project on face shield 3D printing which is one of the important personal protective equipment (PPE) for COVID-19 frontliners.

IEEE Sarawak subsection is also privilege to invite a professional and industry speaker, Ts. Dr. Chai Kok Chin, CEO of NEUON.AI to share his journey towards sustainability and humanity in artificial intelligent from research to commercial. In this webinar, Dr. Chai elaborate how his team created a sustainable ecosystem between academician, professionals and entrepreneurs in an AI project to support and help rural farmers which is currently managed by NEUON.AI

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### STEM Initiatives Of IEEE Sarawak



In conjunction with the global IEEE Day celebration, IEEE Malaysia has conducted Happy IEEE Day 2021 where all IEEE and non-IEEE members are invited to join the Virtual Celebration on 9<sup>th</sup> October 2021.

Our senior member, Professor Lau Bee Theng was invited to speak on IEEE STEM Initiatives in Sarawak. Professor Lau shared with the audience how she has collaborated with local communities, industries and universities in the past to reach out to primary and secondary school students and teachers to promote STEM skills acquisition activities and programs.

### IoT4Community Workshop

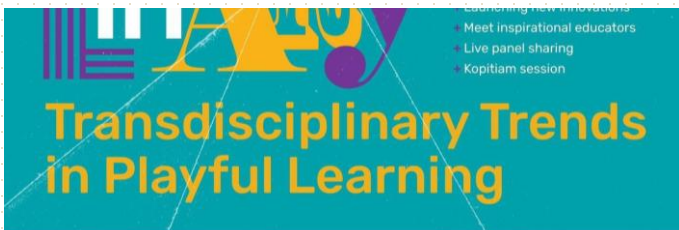
# IoT4 COMMUNITY



On 20<sup>th</sup> November 2021 & 11<sup>th</sup> December 2021, the IEEE Sarawak Subsection in collaboration with Swinburne University of Technology Sarawak Campus, the SUTS Computer Science Club and IEEE Swinburne Student Branch has organized the IoT4Community workshop with the theme. *“An Interactive Way To Learn What The Internet Of Things (IoT) Is!”*.

The workshop led by Dr. Mark Tee Kit Tsun which aims to raise public awareness of the emerging field in Computing and how to start IoT creations and project.

### Gamification Seminar 2021



**GAMIFICATION SEMINAR 2021** UNIMAS SARAWAK SUBSECTION FURTHER INFO AND REGISTRATION [www.creativeculture.my/gs2021](http://www.creativeculture.my/gs2021)

The 4<sup>th</sup> Gamification Seminar was held virtually on the 13<sup>th</sup> December 2021, in collaboration with CreativeCulture, IEEE Sarawak Subsection and UNIMAS, with the theme Transdisciplinary Trends in Playful Learning.

The seminar saw active deliberation on the trends and challenges in facilitating playful learning activities, and the implementation of playful learning activities and how various stakeholders can collaborate and create playful yet impact learning experiences for learners at various levels of education.

Three keynote speakers were invited to talk at the GS2021, namely Dr Cedric Tan, an Assistant Professor from the University of Nottingham Malaysia, Mr Alex Masters, a Learning Technologist at the Disruptive Media Learning Lab, Coventry University UK, and Professor Dr Margarida Romero, from Université Côte d'Azur.

A total of 466 participants registered for the seminar, and the event also engaged a total of 311 viewers on the Facebook live streaming of the seminar.