

**Outstanding Women Engineers Luncheon**

by Ir. Assoc. Prof. Dr Leong Wai Yie

Ir. Assoc. Prof. Dr Leong Wai Yie is currently the Chairman of Women Engineers Section. She is involving in biomedical signal processing analysis and wireless communications.

IEM Women Engineers Section successfully organized the IEM Outstanding Women Engineers Luncheon on 28 MAY 2016 at Armada Hotel.

The luncheon was meant to value supports and celebrated the contributions of women in the engineering team. Both industry and academic collaborators were invited to share their experiences at the luncheon, including Ir. Sharifah Azlina Raja Kamal, COO of HSS Engineering Sdn. Bhd and the IEEE Immediate Past Chairman, Assoc. Prof Dr Norliza Mohd Noor, 2015 IEM Women Engineers Award Winner, Ir. Assoc. Professor Hayati Abdullah.

Ir. Sharifah Azlina Raja Kamal gave an insight into the initiatives taken to promote sustainable environment for Building Information Modeling (BIM) in order to thrive in local construction industry. Driving the BIM Agenda in the construction landscape, she imparted her knowledge in rendering the BIM services both at the local and the international markets.

Madam Michelle Lau, a corrosion engineer from Mach3 Engineering Sdn Bhd focusd on the types and importance of corrosion protection for pipelines; internal and external corrosion, its mitigation methods and practices of the industry.

Ir. Jamaiatul Lailah binti Mohd Jais, the Director of JIL Engineering Consult Sdn. Bhd addressed the importance of wastewater treatment and the associated requirements based on local regulations to ensure its compliance for environmental protection.

Assoc. Prof Dr Norliza Mohd Noor from IEEE Malaysia shared the Image analysis and image processing that had proven to be very beneficial in biomedical imaging. With the vast tools, techniques and algorithms developed by researchers such as deep learning, machine learning, and neural network, computer aided diagnostics systems received lukewarm response from medical practitioner in Malaysia however. Problems and difficulties face by researchers in Malaysia were addressed.

Ir. Mah Siew Kien pointed out that leveraging new technological advancements was no longer optional today in the era of globalization. New product transfers from developed countries to Malaysia had contributed vastly to the rapid development of electronics industry here. The presentation focused on the changes, challenges and recent advancements in a fast growth industry with rapidly changing technologies and short product life cycles.

Ir. Assoc. Prof Hayati Abdullah shared an important aspect of engineering education on the connection between knowledge and ‘real-world’ problems. She shared her experiences as a professional engineer in the academia and how her passion for both worlds resulted in the convergence of engineering practice and academia.

Ir. Raftah Mahfar expressed that stabilization of landslides and unstable slopes was a significant challenge to geotechnical engineers. Slope stabilization works was unique as it required an evaluation in terms of geology and geotechnical engineering study.

The delegates were impressed with the sharing and experiences gained from the speakers. This Outstanding Women Engineers Luncheon had succeeded in raising the profile of women in engineering and focused attention on the amazing career opportunities available to girls in this exciting engineering industry.



Group photo with the speakers



Invited guests were impressed with the sharing