



IEM

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Technical Talk on Domestic Plastic Waste and Pollution : Understand from Fundamental to Possible Solution

Co-Organised by Urban Engineering Development Special Interest Group, IEM & Chemical Engineering Technical Division, IEM

BEM Approved CPD/PDP : 2 Hours

Ref. No.: IEM19/HQ/534/T

Date : 21st December 2019 (Saturday)

Time : 9.00 am – 11.00 am

Venue: Auditorium Tan Sri Prof. Chin Fung Kee, 3rd Floor, Wisma IEM, Petaling Jaya

Speaker: Assoc. Prof. Ir. Dr. Lee Tin Sin

SYNOPSIS:-

In recent years, plastic wastes have caused many environmental issues. The non-degradable characteristics of fossil plastics caused serious environment pollution. Particularly modern consumers are highly dependence on the single-use plastic products, this has caused disposing of plastic packaging to the environment. Many people think that recycling of plastics are the solution. But the fact is that usage of plastics are unavoidable, moreover many recycling of plastics are not feasible to be done due to misunderstanding on all plastic materials can be recycling. There are polymer products called bioplastics, biodegradable polymers, biopolymers, degradable polymer which these terms are tremendously used in by the marketers, yet some of the terms remain controversy and potential misleading the consumers. In this talk, the topics covers as follows are aiming to educate audiences about the truth about polymers. So that, we as the consumers can make good choices to purchase better polymer products while reducing the impacts of polymers to the environment.

ANNOUNCEMENT TO NOTE FEES

(Effective 1st October 2017)

Members

Registration Fee : No Charge

Administrative Fee :

Online : RM15

Walk In : RM20

Non-Members

Registration Fee : RM50

Administrative Fee : RM20

- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- **To secure your seat, kindly register online at www.myiem.org.my**

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"IEM reserves the right to alter or cancel the programme due to unforeseen circumstances at its discretion".
For intending participants who choose to 'walk in without prior registration', IEM SHALL NOT be responsible for any direct or consequential losses".

SPEAKER BIODATA:

Assoc. Ir. Dr. Lee Tin Sin is a researcher, professional engineer and associate professor. He graduated with Bachelor of Engineering (Chemical-Polymer) First Class Honours as well as Ph.D in Polymer Engineering from Universiti Teknologi Malaysia. Dr Lee has been involved in rubber processing, biopolymer, nanocomposite and polymer synthesis with 68 journal paper (ISI and Scopus-Indexed) published, 10 books chapters and 2 handbook publications, 3 granted and 1 filed patents on polymeric materials. According to Scopus database, his current H-index is 21 with total citation of 1251. Google Scholar H-Index 22 and total citation 1684. He has successfully awarded research grants sponsored by MOHE, MOSTI, UTARRF, Selangor Government and Taylor's Universiti Research Grant Scheme with total RM 1,081,312 to conduct research on advanced and biodegradable polymer materials. He is also the recipient of Institution of Engineers, Malaysia- Young Engineers Award 2012 and The SCEJ (Society of Chemical Engineers, Japan) Award for Outstanding Asian Researcher and Engineer 2018.

Ir. Tiong Choong Han

Chairman 2019/2020

Urban Engineering Development Special Interest Group (UEDSIG) IEM

Ir. Dr. Chong Chien Hwa

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