

Technical Talk on "Digital Economy: A New Paradigm of Circular Economy"

Organised by the Engineering Education Technical Division, IEM
in collaboration with Engineers Australia Malaysia Chapter (EAMC) and Institute of Mechanical Engineers Malaysia Branch (IMechE)

BEM Approved CPD/PDP: 2.0

Ref. No.: IEM19/HQ/601/T

Date : 18th January 2020, Saturday
Time : 9.00 am – 11.00 am
Venue : Auditorium Malakoff, Ground Floor
Wisma IEM, Petaling Jaya, Selangor
Speaker : Assoc. Prof. Dr. Tan Ching Seong

SYNOPSIS

Circular economy has been recognised as the solution to the world emission and waste pollution problems. To completely cover the economy and technology in a circular manner, it is advisable to enhance the current circular system similar to the GDP structure. For **Terra Phoenix**[®] group of companies, which the speaker will introduce, it observes the principle of circular economy on two different fronts; in waste and communications.

The first part of the talk will be on iCYCLE[®]. iCYCLE is a solution provider offering a platform for Comprehensive Recycling that caters to the needs of businesses, households, cities, and ultimately people. The social-business portal allows subscribers to track and monitor their performance at recycling. The company also runs awareness programmes with institutions of education, NGO's, companies; adding value to society by engaging, educating people and empowering them to reduce, reuse, and recycle. The second part is about iCONNECT. The iCONNECT solves 5G and 6G emission and radiation problem by providing an alternative to the wireless communication means.

SPEAKER BIODATA

Dr. Tan Ching Seong is an Associate Professor at the Faculty of Engineering, Multimedia University, Malaysia. He is active in consultancy and is a consultant to a number of companies including SENKO Advanced Components, Hongkong. He was a recipient of the prestigious J. William Fulbright Award 2012/2013.

As the co-founder and CEO of Terra Phoenix Holdings Sdn Bhd, which is an MMU start-up company, he takes great pride in promoting his group of companies, and the iCYCLE and iCONNECT platforms that add value to the environment and society.

Dr Tan received his first degree in 1998 from the University of Malaya, and obtained his PhD in Engineering from NTU Singapore in 2006. He is a senior member of IEEE, a member of SPIE (International Society of Optical Engineering) and IMechE, and is a Chartered Engineer. He has co-authored an engineering textbook (Applied Engineering Failure Analysis: Theory and Practice), authored over 25 journal papers and over 30 conference papers.

Ir. Assoc. Prof. Dr. Mohamed Thariq Bin. Haji Hameed Sultan
Chairman
Engineering Education Technical Division
Session 2019 / 2020

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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