

**Pre AGM Talk on
“Digital Transformation and application of DARQ technologies in the oil
and gas industry use cases”**

Organised by Chemical Engineering Technical Division (CETD), IEM

BEM Approved CPD/PDP Hours:2.0 Ref. No: IEM19/HQ/463/T

Date: 05 October 2019, Saturday
Time: 9.00 am – 11.00 am
Venue: Auditorium Tan Sri Prof. Chin Fung Kee,
3rd Floor, Wisma IEM, Petaling Jaya
Speaker: Ir. Dr. Chan Tuck Leong & Mr. Adrian Lim

SYNOPSIS

It is imperative that the oil and gas industry embraces and accelerates digital transformation to stay relevant in the era of Industry Revolution 4.0. To many, digital transformation is a buzz word or a trend and one that brings many different definitions. This talk will share with audience what Digital Transformation means in the oil and gas industry in Malaysia? What are the key ingredients to make it work? What are some areas that are being tackled and the skill sets needed?

The second part of the talk will speak to the application of emerging DARQ technologies in oil and gas use cases. DARQ - Distributed ledger technology, AI, extended reality, and quantum computing is the next set of new technologies sparking a step change (letting energy companies reimagine the entire industry and their role in the world). Most energy companies are already experimenting with experimenting with one or more DARQ technologies – but even early pairings of DARQ technologies reveal remarkable combinatorial effects for Oil & Gas. 80% of downstream companies and 76% of upstream companies agree that the combination of all four DARQ technologies will bring extensive changes to their business This second section will explore how oil & gas companies are leveraging/applying these technologies to achieve a competitive edge in this post digital era.

BIODATA OF SPEAKERS



Ir. Dr. Chan Tuck Leong one of the Digital Accelerators in PETRONAS. He currently leads the digital program that aims to improve safety, reliability and efficiency of operating plant facilities. He and his team partners with the Businesses to pilot and scale digital initiatives and more importantly introduce and embed new ways of working. Dr. Chan holds a PhD in Chemical Engineering and is a registered Professional Engineer with the Board of Engineers Malaysia.



Mr. Adrian Lim leads the Accenture Technology Consulting Practice for Accenture Resources clients in ASEAN. He is responsible help Accenture’s Energy and Utilities clients to pivot to the new by leveraging technology and platforms to unlock trapped value. Adrian Lim holds a Degree of Computer Science (Hons) from Universiti Sains Malaysia.

Ir. Dr. Lee Tin Sin

Chairman,
Chemical Engineering Technical Division (CETD), IEM
Session 2018/2019

**ANNOUNCEMENT
TO NOTE**

FEES

(Effective 1st October 2017)

IEM Members

- Registration Fee : **FOC**
- Administrative Fee :
Online :RM 15
Walk In :RM 20

Non-Members

- **Registration Fee :RM 50**
- **Administrative Fee :RM 20**
- 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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