

WEBINAR TALK

"Application of Big Data and Internet of Things (IOT) in Oil and Gas Offshore Structures"

CPD Hours : 2 CPD Ref No : IEM22/HQ/252/T(w)

Oil, Gas and Mining Technical Division



We are in the midst of an energy and digital transition that continues to evolve, powering a rapid change in the way we work from just a decade ago. The new definition of "Information Technology" has expanded far beyond the traditional context of the hardware, software and connectivity required on a day-to-day basis into the sphere of data collection and processing to build insightful trending for better decision-making. "Artificial Intelligence" has become the new catch phrase, "Data Scientist" became the sexiest job of the 21st century according to Harvard Business Review, and Forbes has identified the "democratization" of data science as the biggest trend in 2022. Data has become the new oil of this digital era. What do these changes mean to us?

This webinar intends to share on the latest applications of big data and Internet of Things (IoT) for the Malaysian oil and gas offshore structures that have transformed the way engineers work towards achieving the net-zero carbon emission by 2050, production optimization, operational improvement and asset life extension.



SPEAKER

Ms Tang Horng Eng CEng MICE

Horng Eng, or more fondly known as Connie, is a Chartered Civil Engineer with the Institution of Civil Engineers (UK). She specializes in the project planning, management and delivery of oil and gas upstream projects as a senior in-house consultant. Her work touches both engineering and digital realms. Aside from her active role in leading and delivering conventional engineering projects, she works with a talented team in business planning and digital project delivery to establish and sustain the full digital ecosystem for the company's technical division.

Connie graduated from Universiti Teknologi Malaysia with a Bachelor's Degree in Civil Engineering (First Class Honours) and subsequently from University of Malaya with a Master's Degree in Applied Statistics. During her free time, she volunteers as an advisor to the ICE Malaysia Graduate Network to inspire graduate engineers towards attaining Chartership with ICE.

Saturday : 13 Aug 2022 : 9AM – 11AM

IEM Members: RM 15.00

IEM Non Members: RM 70.00

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