

WEBINAR TALK ON INTRODUCTION TO SMALL MODULE REACTORS AND ITS CONTRIBUTION TO LOWER CARBON EMISSIONS FUTURE

BEM APPROVED CPD: 2

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ORGANISED BY ENGINEERING EDUCATION TECHNICAL DIVISION, IEM
IN COLLABORATION WITH
ENGINEERS AUSTRALIA MALAYSIA CHAPTER (EAMC)

SPEAKER:

MR SOONG WAI HOW

Senior Project Manager – SMR Project
BWXT Canada Ltd.



22 AUGUST 2024, THURSDAY



3.00PM – 5.00PM

REGISTRATION FEE

IEM STUDENT : FOC

IEM MEMBERS: RM15

NON IEM MEMBERS: RM70



SYNOPSIS

Small Module Reactor (SMR) is a scaled down nuclear reactor, in general less than 300 mega-watt, that offers a lower initial capital investment with modular design, greater scalability, higher efficiency, advance safety features and siting flexibility for locations unable to accommodate more traditional larger reactors. In support of Canadian commitment to net carbon emissions to zero by 2050, nuclear power can be a key part of that lower-emissions future. An increasingly promising option is to commercialize small modular reactors (SMRs). The talk will cover the feasibility of SMR as a viable low carbon emission energy source in the future.

SPEAKER'S PROFILE

Mr Soong Wai How graduated with both BSc and MSc in Mechanical Engineering from the University of Manitoba in Canada. He obtained his MBA from the Wilfred Laurier University, Canada. He has more than 22 years of direct design, engineering, project, and proposal management experience in the North American nuclear power generation industry. In the past 5 years, Mr Soong is fortunate enough to lead a few first-of-a-kind SMR (small module reactor) engineering and commercial campaigns. One of them has turned into a very first commercialization of SMR technology in the western world. It is to be operational as early as 2028.