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SATURDAY

09:00 AM - 11:00 AM

WEBINAR

EVOLUTION OF AIRCRAFT ENGINES

the marvel of engineering for mankind



Mr. Ricky Liew

Head of Engineering of SR Aviation Sdn. Bhd
Sunway Star Award 2017


Malaysia Board of Technologist (MBOT) Active Technologist Award 2019
International Sustainable Aviation and Energy Research Society (SARES) Company Award



IEM Member: RM15
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MECHANICAL ENGINEERING TECHNICAL DIVISION

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Airplane is one of the most influential invention of the 20th century. It is also one of the most impactful transportation mode that connected nations and continents with speed and comfort spurring economic growth and development around the globe till today. From commercial to military applications, the impact of airplane to nations will not be possible without the continuous development and improvement of aircraft engines that powers these complex flying machines. The evolution from piston to the powerful gas turbine and hybrid aircraft engines signify the marvel of engineering and how engineers impact the well-being of the world economy and community. In this talk, the speaker will share the various stages of aircraft engines development from the time of Wright Brothers to some of the most advanced aircraft engines today and future.

Speaker's Profile

Ricky Liew is currently the Head of Engineering of SR Aviation Sdn. Bhd. He is a registered engineer with the Board of Engineers Malaysia (BEM) and a committee member of Mechanical Engineering Technical Division. He has 31 years of experience as an aircraft engineer including certifications of aircraft engines airworthiness post maintenance and inspections. He holds Civil Aviation Authority United Kingdom (CAA UK) and Malaysian (CAAM) aircraft maintenance engineer license. He was an aircraft engineer with Malaysia Airlines, Eva Airways Corporation and KLM Royal Dutch Airlines. In 2006 he returned to Subang airport to set up and head his current corporate jet maintenance, repair and overhaul (MRO) engineering services company. He holds an MBA from Victoria University, Australia and an Adjunct Professor of Universiti Putra Malaysia at the Department of Aerospace Engineering. He is also listed as a National Industry Expert (Aerospace) under Ministry of Human Resources, Malaysia. He collaborate research with universities, conducts talks and published articles regularly in professional engineering/technology magazines, conferences and journals. He is also an industry advisory panel for Monash University, Nilai University, Universiti Tun Hussein Onn Malaysia and Politeknik Banting Selangor. He is a recipient of Sunway Star Award 2017, Malaysia Board of Technologist (MBOT) Active Technologist Award 2019 and a recipient of International Sustainable Aviation and Energy Research Society (SARES) Company Award recently.