

Dr. Lee Kar Heng

Dr. Lee Kar Heng is an engineer turned entrepreneur. In 2012, he founded TBSS companies in Singapore and started a company in Ho Chi Minh City in 2013. Today, TBSS Radar Technology and Surveillance Company Limited in Ho Chi Minh City has delivered one naval coastal surveillance radar, nine vessel traffic radars, two radar training systems and security and surveillance systems in Vietnam. Lee had also worked on ELINT, direction finding and jamming for Singapore and Brunei. Lee has also designed and delivered more than 50 customized professional courses in radar, EW, surveillance, system engineering and entrepreneurship in the Asia-Pacific Region with LEE as the course lead and trainer. The team has recently won the Hong Kong Brand Design Award in the Professional Courses Category.

Lee is still practicing engineering in his current role with TBSS. He describes his career as an Engineerpreneur in a topic, "Being an Engineerpreneur in Vietnam as a Singaporean," presented at the 11th Annual International Conference on Industrial Engineering and Operations Management, and at the 2019 IEEE International Conference on Engineering, Technology and Education, he discussed "Engineerpreneurship: Engineers can be Entrepreneurs."

Lee is the founding president of the Association of Old Crows, Singapore Chapter. With AOC, Lee participated extensively with young engineers and with students to enhance STEM capabilities in Singapore. He has led the Singapore Chapter in a series of STEM technical challenges with students from local schools and colleges.

Lee played a significant role in setting up the series of AOC Asia conferences held in Singapore from 2017 to 2020, with the late John Clifford OBE. Lee and the AOC Singapore Team helped develop the agenda the conferences. He has also presented at the AOC Europe conference in Lausanne, AOC Singapore, AOC Asia Summit and Annual AOC International Symposium and Convention in DC Washington.

Lee graduated from NUS with Master of Engineering and Bachelor of Technology (Hons) degrees. He also holds a Master of Science in Control and Automation, and a PhD in Engineering Management.