

Keynote Speaker

Mr Peter Ho

HOPE Technik Pte Ltd, Singapore

Peter is one of the Directors at HOPE Technik Pte Ltd, a company he co-founded in 2006. HOPE Technik is an engineering solution provider specializing in niche areas of high-tech engineering, with departments in Unmanned systems, Defence, Bio-medical, Smart Logistics and Special Vehicle arenas.

Peter serves as CEO where he guides the company towards long-term technical and business goals, and has seen the company grow from a start-up in 2006 through to a multi-million dollar group at present employing over 100 teammates.

Peter graduated from the National University of Singapore in 2003 with a Second Class (Upper) honours in Mechanical Engineering. For his final year project, he was responsible for setting up and leading the first NUS Formula SAE team, and in his short stint as a staff with NUS, supervised the second NUS Formula SAE team and also secured a contract for Robotic Exploration at the Great Pyramid in Egypt with the National Geographic Society.

Peter subsequently joined Team Petronas Touring Cars, a racecar engineering team that competed in the British, German and Asian Touring Car Championships, and rose quickly from an entry mechanic through to his final appointment as Chief Engineer.

Having satisfied his decade-long thirst for racecar engineering, he returned to Singapore and co-founded HOPE Technik (together with Michael Leong, Jeff Tang and Ng Kiang Loong). He has been involved in nearly all of the 350+ projects the company was contracted to execute, for a plethora of global clients in the defence, aerospace, medical and commercial arenas.

Peter was awarded the Outstanding Young Alumni Award from NUS in 2009 and was a finalist for 'Singaporean of the Year 2015' by the Straits Times. HOPE Technik was awarded the Innovator Award for the Emerging Enterprise Award from OCBC/ SPH in 2012.



Peter concurrently holds the following appointments:

Commercial

HOPE Technik Pte Ltd, CEO and Board Member,
Composite Cluster Singapore Pte Ltd, Board member

Education

NUS Board of Trustees, Co-opt Member, Entrepreneurship Committee
NUS Department of Mechanical Engineering, Consultative Committee Member
NUS Faculty of Engineering, Adjunct Assistant Professor

SUTD, EPD Department, Advisory Board member,

Government

GovTech, Board Member

SPRING Singapore, Board Member
SPRING SEEDS, Investment Panel member

National Research Foundation (NRF), SDE Exco Member

Plenary Session Preparing The Next Generation to be Prepared for the Unknown

Mr Peter Ho

HOPE Technik Pte Ltd, Singapore

We have seen the growth of technology accelerate to a speed that has never been seen in the history of mankind. It took less than 80 years from the first airplane taking off to man landing on the moon, and a much quicker time to go from the Telex machine to smart phones. To make things even more rosy, Moore's law indicates that this technology advancement will only get quicker. As we ourselves struggle to guess what tomorrow will look like, how do we give guidance and prepare the next generation to be future-ready?

Peter is the Chief Executive Officer of HOPE Technik, a multi-faceted business that has business units in industrial robotics, speciality vehicles and special projects. In the last decade, HOPE has delivered over 400 contracts globally, from fire trucks that run 24/7 through to industrial robots that run continuously in factories globally. Some edge-of-tech contracts that HOPE has delivered include a Spaceplane demonstrator to AIRBUS Defence and Space Group, Exoskeletons and countless unmanned systems. As much as HOPE is a disruptor in the sectors it serves, it is always ensuring HOPE itself does not get disrupted.