



CILTHK partners with Logistics and Supply Chain MultiTech R&D Centre (LSCM) to organise the Online Seminar Series with an aim to providing the audience with a holistic view of the latest development of innovative technologies in Hong Kong. In this seminar series, the speakers will discuss how the rapid advancement of technology is impacting the logistics industry in the next generation. Examples of application cases will be used to illustrate how Internet of Things (IoT) and robotics technologies are deployed to accelerate the development of Smart Logistics and Smart Warehouse, thereby facilitating the Smart City development in Hong Kong.

Session 01 | Smart Warehouse of the Future |

The Trading and Logistics industry is one of the pillar industries in Hong Kong. With the increase in operating costs and the increasingly challenging business environment, the industry practitioners are in need of technologies to tackle the problems they encounter in the daily operation. Advanced unmanned warehouse and automatic guided vehicle (AGV) technologies could help them save costs and enhance efficiency. In this seminar, the speaker will elaborate on the latest development of robotics technologies for future warehouses, such as AGVs, delivery robots, auto stackers, semi-auto robots, etc. In addition, how to develop a Smart Warehouse with the video analytic system and advanced robot fleet management system will be shared.

Both CILTHK members and friends are welcomed to join.

Date:	24 May 2021, Monday		
Time:	6:00pm – 7:00pm (Lobby opens at 5:30pm)		
Venue:	Online with Zoom		
Fee:	FREE admission		
CPD:	40 points	Quota:	100
Medium:	English	Deadline:	18 May 2021

Speaker Profile

Dr KL Fan

**Director of Research and Technology Development and Chief Researcher
Logistics and Supply Chain MultiTech R&D Centre**

Dr KL Fan is a Director of Research and Technology Development and Chief Researcher at the Logistics and Supply Chain MultiTech R&D Centre since April 2015. He has vast experience in the research & development of various robots and/or robotic systems including surgical robots for total knee replacement surgeries, wall climbing robots for carrying out NDT/NDE of pipelines, mosaic tile wall inspections, window cleaning, as well as interactive robotic toys. Recently, Dr Fan has been developing robotic systems/devices for logistics and elderly applications. Dr Fan published over 50 articles and holds numerous patents in the US, EU and China.



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Dr CH Cheng is currently a Director of Research and Technology Development at the Logistics and Supply Chain MultiTech R&D Centre. Prior to this position, he had been on the faculty of several universities in Hong Kong and the US. His recent research interest in Internet of Things has led him to develop applications in logistics and supply chain operations, and transport management. He has been supported by the Transport Department to develop a video analytics based smart traffic control system for Tai Tam Road (Dam Section). This system solves the long-standing traffic deadlock in this road segment. His work in a landslide detection and alert system has been funded by the Civil Engineering and Development Department. This system has been installed in many slopes in Hong Kong and provides early alerts to the residents in the areas in the event of a landslide. During his tenure at the Chinese University of Hong Kong, he had supervised the research work of 25 graduate students and actively participated in the research projects of both local and overseas researchers. He has published over 100 academic articles and has also served in several international journals as either an associate editor or a member of the editorial board.

Everyone is welcome to join!

Please click the below link [or](#) scan the QR code for registration.



- 1) CILTHK members shall have priority for enrolment. Enrolment is on **FIRST-COME FIRST-SERVED** basis.
- 2) For non-CILTHK member who requires a CILTHK CPD/attendance certificate, please:
 - i) draw a cheque made payable to **"CILTHK"** in the sum of HK\$100 and state **'Application for CPD/attendance certificate for the seminar on DATE.'** at the back of the cheque for each certificate application and send to CILTHK office at 7/F, Yue Hing Building, 103 Hennessy Road, Wanchai, HK
 - OR**
 - ii) click [HERE](#) to complete the credit card payment authorisation form and return it to CILTHK office by email.
- 3) Personal Data collected will be used for processing the registration of this seminar, administrative and statistical purpose. The data will be solely handled by CILTHK and will be treated in strict confidence.
- 4) For enquiry, please contact CILTHK Office at

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