

Fire Division

Technical Visit - Automatic Parking System Hong Kong Science and Technology Parks

Date, Time & Venue

22 October 2021 (Friday); 14:30pm – 16:00pm / Hong Kong Science and Technology Parks

Programme Highlights

Hong Kong Science and Technology Parks Corporation (HKSTP) has introduced the city's first automated robotic parking system with electric vehicle (EV) charging at Hong Kong Science Park, the city's largest R&D campus. As the first robotic car parking system to be trailed in Hong Kong, HKSTP's Robotic Parking features a combination of technologies including AI, robotics and sensors.

The new facility delivers significant space savings by enabling optimal parking in multiple rows and columns (double-parking), supported by the AGVs which access the parking pallets from multiple angles using omni-directional movements.

Equipped with a precise laser navigation system, the AGVs are capable of achieving high levels of positioning accuracy at plus or minus 5mm. Powered by advanced route planning algorithms, the AGVs maximize space utilization and also transport each car via the most efficient route.

Fee

n/a

Registration & Enquiries

The technical visit is free of charge and prior registration is required. For HKIE members, please register via the web-link. The organizers reserve the right to decline their application if no membership number is submitted.

Applications will be accepted on a first-come-first-serve basis. Successful registration will be notified individually. The deadline of application is ~~15~~15 October 2021.

For enquiry, please contact Ir KV Vong at 94620840 via Whatsapp message.

Fire Division Committee