



Session II: Automated Parking System in Hong Kong

System automation in the form of Automated Parking System (APS) is one of the key deployments in intelligent mobility (IM) solutions that goes beyond the mere range of functionality. It helps to improve system availability, enhance user experience and forming part of our ongoing exploration of how our design should response to the COVID-19 pandemic.

In Hong Kong, there is an acute shortfall in parking spaces and thus a pressing need for reimagining the future of cities to free up valuable spaces for other public use. APS, also known as intelligent or mechanised parking systems, can significantly increase the number of vehicles parked in a given landuse footprint by effectively stacking vehicles in a compact manner using a mechanical lifting device. The efficiency and user experience could be further enhanced by adopting full automation in the parking and stacking process. APS reduces the hassle for a user to search for parking space and the associated pollution could be eliminated.

Logistics and Transport leaders and planners around the world are increasingly seeing the value in adopting a more joined-up approach to mobility decisions. It requires us to understand the complex inter-relationships between logistics and transport users, technology, infrastructure and commercial operations through IM solutions, and jointly deliver tangible outcomes for our communities. The speaker, Ir Carmen Chu, will bring the participants to go through this interesting topic in the seminar.

Date:	3 December 2020, Thursday		
Time:	7:00pm – 8:30pm (Registration starts on 6:30pm)		
Venue:	Online with Zoom		
Fee:	Free admission		
CPD:	40 points	Quota:	100
Medium:	English	Deadline:	30 November 2020

Speaker Profile



Ir Carmen Chu

BEng, MSc(Urban Planning), MIHT, MHKIE, NEC4Reg
Director, Ove Arup & Partners Hong Kong Limited

Ir Chu is the Director of Ove Arup & Partners Hong Kong Limited. She is a Chartered Engineer and qualified planner specialising in transport planning and traffic engineering design. Her engineering and planning background blend in well which enable her to appreciate prevailing planning constraints or opportunities, and to apply relevant planning principles of smart cities on transport and traffic engineering design work.

Carmen serves as the Intelligent Mobility Skills Network Leader for Arup East Asia. At present, Carmen is leading several high profile ITS related projects in

Hong Kong for major infrastructure projects including a free-flow tolling system in Hong Kong and a major tunnel connecting outer areas in urban Kowloon. She also pioneers and drives the practical deployment of new intelligent mobility concepts that is applicable and beneficial by setting up roadmap for policy-making and new regulatory framework.

Everyone is welcome to attend!

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



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