

Technical Seminar: Smart Traffic Management Operation – Simulation Approach

The HKUST research team collaborated with the HKPF in Kwun Tong to develop a Smart Traffic Control Plan led by Prof. Hong K. Lo. Using the VISSIM model, they optimized police deployments, avoiding exacerbating congestion by cracking down on illegal parking. Their routing schemes, validated through site surveys, led to an 80% reduction in required manpower and earned them the Gold Award in the “General Service” category of the HKPF's Service Quality Award Scheme.



Dr. Kai Fai NG

Dr. Kai Fai NG is a Senior Research Engineer at the GREAT Smart Cities Institute, HKUST. He has over 12 years of experience conducting traffic-related research projects, including multiple traffic signal control and management consultancy projects, as well as research on sustainable railway development and enhancing walkability.



3rd October 2024 (Thu)



1900-2000 HKT



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