



DEPARTMENT OF CIVIL ENGINEERING

SEMINAR

Digital Twin Construction Practice and Exploration in Shenzhen

Dr. Jinyu Duan

ShenZhen Urban Transport Planning Center

Date: November 30, 2023 (Thursday)

Time: 10:00 a.m. - 11:00 a.m.

Venue: Room 612B, 6/F Haking Wong Building, The University of Hong Kong

Abstract

The Shenzhen municipal government has made the construction of digital twin cities a key policy initiative. Shenzhen Smart City Technology Development Group is responsible for providing integrated solutions for smart cities and digital government, and assumes the roles of integrated operators and ecosystem builders. This seminar talk will cover the progress and related thoughts on the construction of Shenzhen's digital twin platform, application cases, and technical breakthroughs.

About the Speaker

Dr. DUAN, Jinyu is currently Senior Engineer in the School of Architecture, Tsinghua University. He is also the Dedicated Chief Engineer of ShenZhen Urban Transport Planning Center, as well as the Chief Engineer of ShenZhen Future Intelligent Transport Industrial Innovation Center. He graduated from Tongji University with a Bachelor and a PhD degree for Transport Engineering, and with the post-doctoral research experience in Tsinghua University. Dr. Duan has been responsible, in the past 20+ years across China, with total budgets of RMB10,000,000+ and 20 provincial / ministerial / national awards, for formal researches and rich projects in the fields of urban planning, transport planning, traffic design, intelligent traffic management and control, transport system analysis and assessment, transport modelling and software development and etc.

The seminar will be in Chinese.

- ALL ARE WELCOME -