

Smart Mobility: A Data and Sensing Point of View

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VENUE CS Seminar Room, Y6405, 6th Floor
Yellow Zone, Yeung Kin Man Academic
Building,
City University of Hong Kong
83 Tat Chee Avenue
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ABSTRACT

The rapid development of technologies in sensing, wireless communication, IoT, etc. has made it possible to build a smart and connected environment of systems, objects, data, and people for a better living in the city. This talk will introduce our data driven research experiences in building data and sensing systems for smart urban transportation in the city of Singapore. With the help of the status data from 21,000+ taxis as well as transit trip data from millions of local commuters, we have been working on accurate traffic estimation, urban transport optimisation, understanding transit system resilience, etc. We further develop complementary solutions of crowdsensing and jointly study the data and sensing systems.

BIOGRAPHY

Dr Mo Li received his BS degree in the Department of Computer Science and Technology from Tsinghua University and PhD degree in the Department of Computer Science and Engineering from Hong Kong University of Science and Technology. He is currently an associate professor in School of Computer Science and Engineering of Nanyang Technological University, Singapore.

All are welcome!



In case of questions, please contact Prof JIA Xiaohua at Tel: 3442 9670, E-mail: csjia@cityu.edu.hk, or visit the CS Departmental Seminar Web at <http://www.cs.cityu.edu.hk/news/seminars/seminars.html>.

