





# URBAN DRIVE-BY SENSING: THEORY AND APPLICATIONS

## **Speaker**

## Prof. Ke Han

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#### **Abstract**

Vehicle-based mobile sensing, also known as drive-by sensing, efficiently surveys urban environments at low costs by leveraging the mobility of urban vehicles. This talk offers an overview of this new sensing paradigm by outlining its application scenarios, discussing the underlying optimization problems, and concluding with a few remarks in smart mobility.



Ke Han is Professor and Dean at School of Economics and Management at Southwest Jiaotong University. He obtained his BS degree (mathematics) from University of Science and Technology of China, and PhD degree (mathematics) from the Penn State University. Before joining SWJTU, he was appointed as Lecturer and Senior Lecturer in the Department of Civil and Environmental Engineering at Imperial College London. His research interests include transportation modeling, operation and optimization, IoT and smart cities. He has co-authored two books and over 40 papers in Transportation Research Series.





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10:30 am - 11:30 am



Room 5562 (Lift 27/28)
Academic Building
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### **Enquiry:**

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