

BROWNBAG LUNCHTIME TALK

Mobility in the Age of Sharing Economy: The Impact of Emerging Mobility Technologies on Urban Transport Systems

DATE AND TIME
22 February 2023,
12 - 1pm

DR YUNKYUNG (JOY) CHOI
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VENUE
Think Tank 19
(2.304)

SYNOPSIS - With the development of advanced technologies and the introduction of the sharing economy, the transportation sector is experiencing a disruption. Recent advances in information technologies have facilitated new mobility services that enable users to utilize a mode of transport on an as-needed basis. Particularly, transportation network companies (TNCs) have rapidly gained a strong foothold and have reshaped urban transportation systems since their introduction. Assessing the impacts of such disruptive technologies on automobile usage and modal split is emerging as a key issue for transportation planners and policymakers. While they are expected to play an important role, the impacts and consequences of such services on traditional modes of transport are still not well understood. Thus, this talk will explore an innovative approach to quantify the impact of TNCs on vehicle-miles travelled and public transit demand.



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DR YUNKYUNG (JOY) CHOI is a research fellow at the Lee Kuan Yew Centre for Innovative Cities at the Singapore University of Technology and Design. She received her Ph.D. in city and regional planning from the Georgia Institute of Technology in 2021. Her research interests are interdisciplinary and focus on complex interactions between built environments and travel behaviour.

