

CS Seminar

Zoom Research Seminar

Towards Resilient and Intelligent Socio-Technical Systems

Weizi Li

**Department of Computer Science
The University of Memphis**

**November 25, 2021
Thursday
10:30 am (HK Time)
(GMT+8)**

Zoom link:

<https://hku.zoom.us/j/98778645395?pwd=a2hqS3RHaUZVRFRrbzBMWkN3TldYdz09>

Meeting ID: 987 7864 5395

Password: 670621

Abstract:

In this talk, I will share the vision and initial efforts of the newly established lab at the University of Memphis for studying socio-technical systems (STS). In particular, I will use the transportation system (including autonomous driving and traffic) as the main example and discuss three critical aspects of developing resilient and intelligent STS: 1) robustness under perturbations and adversarial attacks; 2) handling of complex networks; and 3) real-time learning and decision making.

About the Speaker:

Weizi Li is an assistant professor in the Department of Computer Science at the University of Memphis. He was a Michael Hammer Postdoctoral Fellow at MIT and received his Ph.D. in computer science from the University of North Carolina at Chapel Hill. He has also spent time at Disney Research, Lenovo Research, National University of Singapore, and George Mason University as research assistant.

All are welcome!

For enquiries, please call 2859 2180 or email

enquiry@cs.hku.hk

Department of Computer Science

The University of Hong Kong

