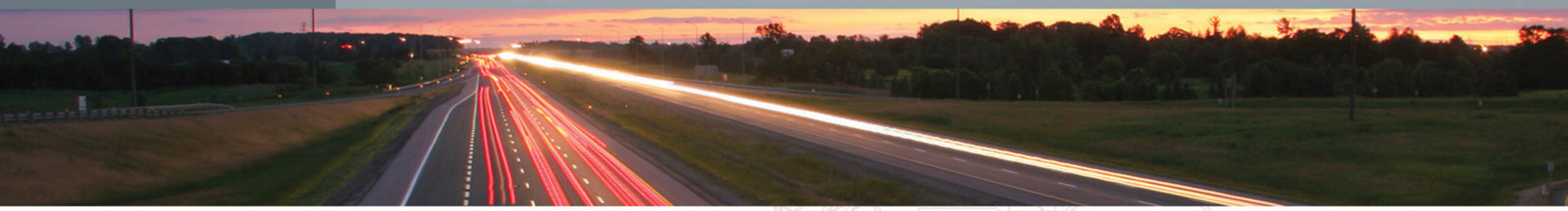
THE UNIVERSITY OF HONG KONG

Distinguished Transport Lecture Series 2018



Dynamic Traffic Assignment: History, Recent Results & Unanswered Questions

Professor Terry L. Friesz

Harold and Inge Marcus Chaired Professor of Industrial Engineering, The Pennsylvania State University, U.S.A.

Lecture abstract:

This talk begins by discussing the intellectual history of dynamic traffic assignment (DTA). We then review the DTA modeling paradigms available today. We also hypothesize how travel behavior over vehicular networks may change due to innovations in information technology. This leads us to conjectures about the form of new DTA models and associated computational methods.

Speaker bio:

Terry L. Friesz is the Harold and Inge Marcus Chaired Professor of Industrial Engineering at Penn State, where he is also Director of the Center for Service Enterprise Engineering. He has previously been a faculty member at MIT, George Mason University, and the University of Pennsylvania, where he held the UPS Foundation Chair in Transportation. He received his PhD from Johns Hopkins University, where he studied operations research and spatial economics. His research emphasizes the application of differential game theory to transportation, location, spatial price equilibrium, urban supply chains, and revenue management. His work has appeared in *Operations Research, Transportation Research Part B, Transportation Science, Mathematical Programming, The Journal of Regional Science, Regional Science and Urban Economics, Environment and Planning* and other scientific journals. He is Editor-in-Chief of *Networks and Spatial Economics* and Associate Editor of *Transportation Research Part B.*

FREE Admission

Date: **8 June 2018 (Friday)**
Time: **7:00 - 8:00 p.m.**
Venue: **Wang Gungwu Theatre, Graduate House, The University of Hong Kong**

Organized by : **Institute of Transport Studies, The University of Hong Kong**

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Details of the Lecture can be found at **http://www.hkuits.hku.hk/distinguished-transport-lecture-series.html**