

Leveraging Big Data for Future Mobility


Utilizing User Generated Content for Transport Modelling

Friday 15th December 2017 - Technical University of Munich

The Chair of Transportation Systems Engineering of TUM has joined forces with Northwestern University, USA and the University of California Santa Barbara, USA, in an attempt to decode the use of Big Data and User Generated Content in transport. The first station of this journey is the workshop in Munich, where distinguished professors from the fields of transport and computer science will present and discuss their work.

Schedule and Presentations

- 9.00-9.30 Registration and Coffee
- 9.30-10.30 Keynote Speech **H. Mahmassani (Northwestern University)**
- 10.30-11.15 From Local to Global: Harvesting the web to understand motivation, movement, and heterogeneity in travel behavior **K. Goulias (University of California, Santa Barbara)**
- 11.15-12.00 Modelling daily mobility in the era of Big Data **F. Viti (University of Luxembourg)**
- 12.00-13.00 Light Lunch
- 13.00-13.45 Predicting for the adaptive transport system ... and other necessary ingredients for resilient urban mobility **F. C. Pereira (Technical University of Denmark)**
- 13.45-14.30 Connect the (mobility) dots: Mining users' mobility patterns from network and social media data **L. Kärkkäinen, L. Tonetto and J. Ott (Technical University of Munich)**
- 14.30-15.15 Mobility-related feature extraction from emerging data **C. Antoniou (Technical University of Munich)**
- 15.15-16.30 Panel Discussion and Closing

 The workshop will take place at the TUM campus (Arcisstraße 21, 80333 Munich room 0507.1713).



C. Antoniou
TUM



K. Goulias
UCSB



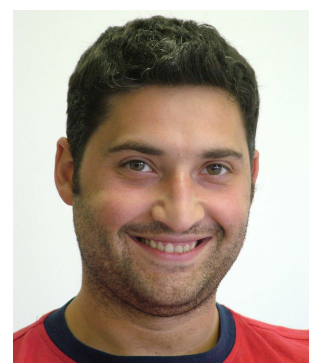
H. Mahmassani
NW



F. C. Pereira
DTU



J. Ott
TUM



F. Viti
UniLu

Information and Registration

This is a free admission event. For organizational purposes, please register in the following link:

<http://go.mytum.de/685110>

Contact: Prof. C. Antoniou
e-mail: c.antoniou@tum.de
website: www.tse.bgu.tum.de



Master Class - 14th Dec, 14.00 - 16.00

A masterclass will be given by Prof. Mahmassani (NW) and Prof. Goulias (UCSB). For more information visit the Registration page (<http://go.mytum.de/685110>).