

Workshop

Traffic management in the era of connected and autonomous mobility

Institute of Transport Planning and Systems (IVT)

Dr. Anastasios Kouvelas, Director of Traffic Engineering Group

Monday, 29 July 2019, 8:30-14:30 – ETH Zurich “Alumni-Pavillon” MM C 78.1

Program

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| 8:30 | Morning coffee |
| 8:50 | Welcome by Dr. Anastasios Kouvelas |
| 9:00 | Prof. Dr. Jack Haddad, Technion – Israel Institute of Technology <i>Enhanced traffic management based on travel times: some experimental results</i> |
| 9:45 | Prof. Dr. Juan Carlos Muñoz, Pontifical Catholic University of Chile <i>Connected and automated vehicles? Let's start with buses, the low hanging fruit</i> |
| 10:30 | Coffee break |
| 11:00 | Dr. Mohsen Ramezani, The University of Sydney <i>Two Chapters on modeling and control of mixed traffic flow with CAVs</i> |
| 11:45 | Dr. Jordi Casas, Aimsun, Barcelona <i>Simulating connected and autonomous vehicles with Aimsun Next – Case studies</i> |
| 12 :30 | Lunch break |
| 13 :30 | Dr. Anastasios Kouvelas <i>Increasing the capacity of traffic networks with connected/autonomous vehicles</i> |
| 14:15 | Closing remarks by Dr. Anastasios Kouvelas |
| 14:30 | Apéro |

Date: 29 July 2019

Venue: ETH main building,
“Alumni-Pavillon”, MM C 78.1
Leonhardstrasse 34, Zurich

Organisation: Please register until 19 July
with Alexander Genser: gensera@ethz.ch

The workshop is free of charge.