

## Vehicle-road interaction and driving safety: towards a Connected, Coordinated and Automated Road Transport

**2021 July 15——17:25 - 20:25**

17:25-17:30 (Beijing Time) 9:25-9:30(GMT Time)	Opening	Welcome speech	Xingyi Zhu Denis Jelagin	Tongji University KTH
17:30-17:55 (Beijing Time) 9:30-9:55 (GMT Time)	Lecture 1	Assessment of in-service fuel consumption of heavy duty vehicles	Denis Jelagin	KTH
17:55-18:20 (Beijing Time) 9:55-10:20 (GMT Time)	Lecture 2	Safety Risk Assessment of Autonomous Vehicle Road Testing	Huizhao Tu	Tongji University
18:20-18:45 (Beijing Time) 10:20-10:45 (GMT Time)	Lecture 3	Simulation based vehicle safety assessment considering pavement surface condition and geometric	Yinhong Fan	Tongji University
18:45-19:10 (Beijing Time) 10:55-11:20 (GMT Time)	Lecture 4	Numerical analysis concerning the driving safety on wet pavement	Yang Yang	Tongji University
19:10-19:35 (Beijing Time) 11:10-11:35 (GMT Time)	Lecture 5	Adapting Tire-Pavement Friction Concepts and Models for the Era of Connected Automated Vehicles: Ideas, Challenges and Opportunities	Ghim Ping Ong	National University of Singapore
19:35-20:00 (Beijing Time) 11:35-12:00 (GMT Time)	Lecture 6	On-board estimation of road surface wetness	Minh-Tan Do	University Gustave Eiffel
20:00-20:25 (Beijing Time) 12:00-12:25 (GMT Time)	Lecture 7	Rural and developing world vehicle-road interaction and driving safety	Wynand JvdM Steyn	University of Pretoria