



European Research Council
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Multiscale and Multimodal Traffic Modelling Approach
for Sustainable Management of Urban Mobility



ERC MAGnUM Workshop November 2018, 13th - 15th

Tuesday, 13th Three ERC grants in transportation

ERC in
transportation

Grand Amphithéâtre de l'Université de Lyon, 90 rue Pasteur, Lyon

- 13:00-13:50 Prof. Serge Hoogendoorn, TU Delft, The Netherlands, ERC advanced
Allegro : Unravelling slow mode traveling and traffic: with innovative data to a new transportation and traffic theory for pedestrians and bicycles
- 13:50-14:40 Prof. Nikolas Geroliminis, EPFL, Switzerland, ERC Starting
METAFERW: Modeling and controlling traffic congestion and propagation in large-scale urban multimodal networks
- 14h40-15:30 Prof. Ludovic Leclercq, IFSTTAR, France, ERC consolidator
MAGnUM: Multiscale and Multimodal Traffic Modelling Approach for Sustainable Management of Urban Mobility

Wednesday, 14th Masterclass in Transportation, traffic engineering and ITS

Masterclass
day 1

Amphithéâtre Prunier, ENTPE, 3 Rue Maurice Audin, Vaulx-en-Velin

- 10:00-10:40 Prof. Monica Menendez, NY-AD, Abu Dhabi, Emirates
Multimodal operations: from local analysis to network modeling
- 10:40-11:20 Prof. Arnaud de la Fortelle, Mines-ParisTech, Paris, France
Cooperation in Transportation Systems
- 11:20-12:00 Prof. Jorge Laval, GeorgiaTech university, Atlanta, USA
Stochastic Approximations for the Macroscopic Fundamental Diagram of Urban Networks
- 14:00-18:00 PhD Defense : Guilhem Mariotte, ERC MAGnUM PhD student
Dynamic Modeling of Large-Scale Urban Transportation Systems

Thursday, 15th Masterclass in Transportation, traffic engineering and ITS

Masterclass
day 2

Amphithéâtre Prunier, ENTPE, 3 Rue Maurice Audin, Vaulx-en-Velin

- 10:00 Prof. Kay Axhausen ETHZ, Zurich, Switzerland
Which autonomous vehicle revolution?
- 10:40 Prof. Margarida Coelho, University of Aveiro, Portugal
Assessment of road transportation impacts: the role of Intelligent Transportation Systems in sustainable mobility
- 11:20 Prof. Francesco Viti, University of Luxembourg, Luxembourg, Luxembourg
Mobile Phone Data Analytics for Network State Estimation
- 14:00-18:00 PhD Defense : Sergio Batista, ERC MAGnUM PhD student
Dynamic traffic assignment for multi-regional transportation systems considering different kinds of users' behavior

Free but mandatory registration before October, 31st

>> [Full Program / Programme Complet](#) <<

>> [Registrations / Inscriptions](#) <<

