



SMIV conference 2018 - VEDECOM

27 november 2018

CCID- Versailles-Yvelines

21 Avenue de Paris, 78000 Versailles

8.30 am: welcome coffee

Introduction of the day

Philippe WATTEAU, Chief executive

Prof. Féthi BEN OUEZDOU, Scientific Director, General Chair

1. Session « New Mobility Solutions and Virtual Reality »

Chairmans: Dr. Wilco BURGHOUT & Nicolas SOULIMAN

- 9.00 – 10.00** "What changes are possible in the mobility of the future?"
Prof. Kay AXHAUSEN, ETH Zurich
- 10.00 – 10.25** "Urban congestion: risks and opportunities of autonomous vehicles"
Prof. Raphaël Lamotte
- 10.25 – 10.50** "Ridesharing and empty vehicle management in autonomous taxi systems"
Tatiana BABICHEVA, PhD VEDECOM student - MOB 03 New physical spaces
- Break**
- 11.05 – 11.30** "Multi-Agent Simulation of Multimodal Transportation"
Dr. Mahdi ZARGAYOUNA
- 11.30– 11.55** "On driving simulators' (and VR experiments') validity"
Prof. Daniel MESTRE, ISM/CRVM – University of Aix Marseille
- 11.55– 12.20** "Semi-supervised deep learning models for the inference of human mobility flows."
Dr. Fouad HADJSELEM, Mathematics research engineer - VEDECOM

12.30 pm – 2 pm : Lunch buffet

2. Session « The Autonomous Vehicule and its Environnement»

Chairmans: **Dr. Guillaume BRESSON & Dr. Bertrand LEROY, VEDECOM**

- 14.00 – 15.00** "Autonomous vehicles: the work done so far and the remaining challenges."
Prof. Denis GINGRAS, University of Sherbrooke
- 15.00 – 15.25** "Pedestrian kinematics while crossing the street"
Dr. Jean-Louis HONEINE, Research engineer in Human Factor, MOB 02
- 15.25 – 15.50** "Autonomous mobility and the transformations of urban and territorial public space."
Prof. Ander GORTAZAR BALERDI, Polytechnic University of Catalonia

Break

16.05 – 16.30

Dr. Vincent JUDALET

16.30– 16.55

Dr. Christian LAUGIER – To be confirmed

16.55 – 17.20

"V2X communications for connected automated mobility"
Dr. HdR Oyunchimeg SHAGDAR, VEDECOM

Conclusion

17.20-17.30

Prof. Féthi BEN OUEZDOU, Scientific Director
Philippe WATTEAU, Chief executive