



# PROGRAM – SMIV 2019

Scientific Conference  
Smart Mobility & Intelligent Vehicle  
**NOVEMBER 12th**



**8:30 WELCOME COFFEE**

**9:00**

## Introduction

Mr Rémi BASTIEN, Chairman of VEDECOM  
Prof. Féthi BEN OUEZDOU, Scientific Director of VEDECOM, General Chair

## «Sustainable and electric mobility»

Moderators : Dr. Emilia SUOMALAINEN & Dr. Jaafar BERRADA - VEDECOM Researchers

**9:30**

## Managing the Seams Between Electromobility and Power Systems

Prof. Ramteen SIOSHANSI, Keynote Speaker, Professor in Department of Integrated Systems Engineering, OHIO State University

**10:30**

## Reliable Frequency Regulation through Vehicle-to-Grid

Dirk LAUINGER, EPFL and VEDECOM PhD Student in Optimization under Uncertainty

**10:55**

## Charging Infrastructure for Electric Vehicles in urban areas, lessons learned and an outlook

Dr. Rick WOLBERTUS, Msc, Researcher in Charging Infrastructure for Electric Vehicles, Amsterdam University of Applied Sciences / TU Delft

**11:20 BREAK**

**11:30**

## Tariff design with electromobility and V2G

Icaro FREITAS-GOMES, VEDECOM PhD Student in Energy Economics

**11:55**

## Market acceptance of shared electric mobility in Germany

Dr. Uta BURGHARD, Researcher in the Competence Center Energy Technology and Energy Systems - Fraunhofer ISI

**12:20**

## Motorized individual mobility in commuting trips: modal preference or constrained mode choice? A machine learning approach

Dr. Rémy LE BOENNEC, VEDECOM Researcher in Economics

**12:45 LUNCH BUFFET**  
**Scientific presentation**

## «The intelligent vehicle and its collaboration with the infrastructure»

Moderators : Dr. Aziz DZIRI & Dr. Mercedes BUENO GARCIA - VEDECOM Researchers

**Session 2**

**2:00 pm**

## Introduction

**2:15 pm**

## The role of the intelligent infrastructure in the development and deployment of autonomous vehicles

Dr. Fawzi NASHASHIBI, Programme Director RITS, INRIA Paris

**3:15 pm**

## Lane markings-based localization

Marc REVILLOUD, VEDECOM researcher in perception

**3:40 pm BREAK**

**3:55 pm**

## Modular and Open Real-Time Platform for Future Automotive Computing Environment

Dr. Raphaël DAVID, Strategic Program Manager, CEA

**4:20 pm**

## Pedestrians' study: autonomous vehicles to pedestrian communication (eHMI)

Dr. Natacha METAYER, VEDECOM Researcher in ergonomics

**4:45 pm**

## Enhanced perception and roadside infrastructures for autonomous vehicles: "Paris Saclay autonomous Lab" case study

Dr. Nassima FRISSA, VEDECOM Infrastructure Research Engineer for autonomous vehicles

**5:15 pm CLOSING**

Mr. Philippe WATTEAU, Chief Executive Officer of VEDECOM  
Prof. Féthi BEN OUEZDOU, Scientific Director of VEDECOM, General Chair

