

3rd international workshop on Vehicular Ad Hoc Networks For Smart Cities Paris, France, November 13, 2019



PRELIMINARY PROGRAM

Third International Workshop on Vehicular Ad Hoc Networks for Smart Cities

<http://www-lor.int-evry.fr/~laouiti/iwvsc2019/index.html>

09:00 – 09:30 Registration and Welcome Coffee

09:30 – 09:45 Opening

Philippe WATTEAU, CEO, VEDECOM

Prof. Féthi BEN OUEZDOU, Scientific Director, VEDECOM

Dr. Mohamed ELHADAD, Researcher at VEDECOM and organizing committee member

09:45 – 10:45 Keynote Speech 1

“DroneITS: Unmanned Aerial Vehicles as an Enabler for Next Generation Mobility”

By **Dr. Hamid Menour**, Senior R&D Expert & Product Manager, Qatar Mobility Innovations Center, Qatar

Session Chair: Dr. Ines Ben Jemaa, IRT Systemx, France

10:45 – 11:15 Coffee Break

11:15 – 12:15 Session 1

Session I

« Intelligent Traffic Systems and V2X Communication »

Session Chair: Prof. Amir Qayyum, Capital University of Science and Technology, Islamabad, Pakistan

- **Implementation and evaluation of intelligent roadside infrastructure for automated vehicle with I2V communication**, **Abhishek Jandial**, **Pierre Merdrignac**, **Oyunchimeg Shagdar** and **Laurent Fevrier**, VEDECOM, France
- **Technology Selection For IoT-Based Smart Transportation Systems**, **Wael Ayoub**, IETR lab & INSA RENNES, France; **Abed Ellatif Samhat**, **Mohamad Mroue**, **Hussein Joumaa**, Lebanese University, **Lebanon**; **Fabienne Nouvel** and **Jean-Christophe Prévotet**, INSA IETR RENNES, France
- **Speed Platoon Splitting Algorithm in Vehicular Networks**, **Rami Khoder**, UL & Versailles, Lebanon; **Rola Naja**, Lebanese University, Prism Lab-Versailles, Lebanon and **Samir Tohme**, Université de Versailles UVSQ, France

12:15 – 13:45 Lunch

13:45 – 14:25 Session 2

Session II

« New technologies for Vehicular Networks »

Session Chair: Dr. Paul Muhlethaler, Research director, INRIA, France

- **A Statistical Framework for Adaptive Vehicular Edge Data Cleaning**, **Mohamed Ben Brahim** and **Hamid Menouar**, Qatar Mobility Innovations Center, Qatar
- **Software Defined Networking for Emergency Traffic Management in Smart Cities**, **Pegah Nikbakht Bideh**, Lund University, Sweden; **Nicolae Paladi**, Lund University & RISE SICS, Sweden and **Martin Hell**, Lund University, Sweden

14:25 – 15:25 : Keynote Speech 2

“Trusted Computations in 5G Vehicular Environments: Challenges and Solutions”

By **Dr. Marc Lascote**, Senior Research Scientist, Orange Labs, France

Session Chair: Dr. Anis Laouiti, Telecom SudParis, France

15:25 – 15:55 : Coffee Break

15:55 – 17:15 : Session 3

Session III

« Vehicular networks and security »

Session Chair: Dr. Oyunchimeg Shagdar, Research Team Leader at Vedecom, France

- **Towards a Reliable Machine Learning Based Global Misbehavior Detection in C-ITS: Model Evaluation Approach**, **Issam Mahmoudi; Ines Ben Jemaa ; Joseph Kamel; Arnaud Kaiser**, IRT Systemx, France and **Pascal Urien**, Télécom ParisTech, France
- **A RINA-based Security Architecture for Vehicular Networks**, **Fatma Hrizi**, Gafsa University, Tunisia and **Anis Laouiti**, Telecom SudParis, France
- **Networks of Trusted Execution Environments for Data Protection in Cooperative Vehicular Systems**, **Philippe Boos**, Orange Labs, France and **Marc Lacoste**, Orange Labs, France
- **Vehicular Ad hoc Networks security for Smart Cities based on 2D ZCC/MD Optical CDMA Code**, **Rima Matem; Syed Alwee Aljunid**, Universiti Malaysia Perlis, Malaysia, **Junita Mohd Nordin ; Mohd Rashidi Che Beson**, School of Computer and Communication Engineering and **Mohamad Naufal Mohamad Saad**, Universiti Teknologi PETRONAS, Malaysia

17:15 – 18:30 : Closing and cocktail

Dr. Oyunchimeg Shagdar, Research Team Leader at Vedecom, France

Prof. Amir Qayyum, Capital University of Science and Technology, Islamabad, Pakistan