IEEE WiMob Workshop on
Vehicular Networks for Risk Reduction and Safety-Related Systems
VN4RRSR'24

Workshop day: Monday 21st of October, Paris

Session VN1: *Innovative Network Solutions and Autonomous Interaction*
(Room 3, 9:30-11:00)

- 9:30 Welcome Message
- 9:40 **Spotlight Flooding: Enabling Point-to-Point Control Connection in Urban UAV Networks**, Konrad Fuger, Md Rezwan A Rasik, Koojana Kuladinithi, Andreas Timm-Giel (Hamburg University of Technology, Germany)
- 10:00 **Preliminary test on the Modena Automotive Smart Area Backbone**, Carlo Augusto Grazia, Salvatore Iandolo, Martin Klapez and Maurizio Casoni (University of Modena and Reggio Emilia, Italy)
- 10:20 **Autonomous Vehicles as Social Agents: Vehicle to Pedestrian Communication from V2X, HCI and HRI Perspectives**, Manuel Bied, Barbara Bruno and Alexey Vinel (Karlsruhe Institute of Technology, Germany)
- 10:40 **Lightweight CNN Classifier for Multipath and Non-Multipath Human Activity Scenes of Radar Spectrograms**, Rakesh Reddy Yakkati (Birla Institute of Technology, India); Pardhasaradhi Bethi, Linga Reddy Cenkeramaddi (University of Agder, Norway)

Session VN2: *Vehicular Communication and Safety Enhancements*
(Room 3, 14:00-15:30)

- 14:00 **Intersections Are Not Good for Your Privacy**, Takahito Yoshizawa and Bart Preneel (KU Leuven, Belgium)
- 14:20 **PRIME: Platoon Restructuring for Incident Mitigation and Exclusion,** Konstantinos Kalogiannis, Michael Hartmann and Panagiotis Papadimitratos (KTH Royal Institute of Technology, Sweden)
- 14:40 **Beyond Safety: Leveraging LoRa Communication in Urban Vehicular Networks**, Thenuka Karunathilake (University of Bremen, Germany); Anna Förster (ComNets, University of Bremen, Germany)
- 15:00 **Human-Machine Interfaces in Safety-Related Cooperative Driving Automation Systems**, Andrea Castellano, Martin Klapez, Carlo Augusto Grazia, Elisa Landini, Maurizio Casoni and Marko Bertogna (University of Modena and Reggio Emilia, Italy)