

Programme

Cellular-V2X Technology: The Future of Cooperative, Connected and Automated Driving in Europe

DATE

09:00 – 17 :30, 10 July 2018

LOCATION

Workshop Novotel Paris Centre Gare Montparnasse,
17 Rue du Cotentin, 75015 Paris

Demonstration UTAC-CERAM Autodrome de Montlhéry,
Avenue Georges Boillot, 91310 Linas

Visit [5GAA Calendar](#) for more information



Cellular-V2X Technology: The Future of Cooperative, Connected and Automated Driving in Europe

10th July 2017, 09:00 – 17:30

Workshop (09 :00 – 13 :00) Novotel Paris Centre Gare Montparnasse (17, Rue du Cotentin)	
09:00 - 09:30	Registration & Welcome coffee
09:30 - 09:45	Opening: 5GAA Pioneering Digital Transformation in the Automotive Industry Maxime Flament, 5GAA Chief Technology Officer
09:45 – 10:00	High-Level Perspective on 5G Roadmap & Automotive in France Speaker to be confirmed
10:00 – 10:15	The Automotive Value Proposition of Cellular-V2X Joachim Göthel, Senior Manager Project 5G-Alliance, BMW
10:15 – 10:30	Future-Proof Infrastructure: Planning & Executing Technology Transition András Váradi, Research Program Director, Commsignia
10:30 – 10:45	Towards 5G: Leveraging Mobile Networks Infrastructure for C-ITS Julien Masson, Head of Connected Car, Orange
10:45 – 11:00	Q&A Session
11:00 – 11:15	Coffee break
11:15 – 11:45	Why C-V2X: A Global OEM Perspective <ul style="list-style-type: none"> • Carla Gohin, Vice President Research, Innovation, Groupe PSA • Don Butler, Executive Director Connected Vehicle & Services, Ford Motor Company
11:45 – 12:00	Synergies in Connected Mobility of Tomorrow: C-V2X & Railways Case Study Amine Didioui, Innovation & Research Project Leader, SNCF
12:00 – 12:30	Mobility of The Future: A Forward-Looking Approach to C-ITS in Europe <ul style="list-style-type: none"> • Maria Rautavirta, Ministry of Transport and Communications, Finland • Marcel Otto, Ministry of Infrastructure, Netherlands (tbc) • Johannes Springer, Head of 5G Automotive Program, Deutsche Telekom • Maik Böres, Head of Future Mobility Team, BMW • Juan Jose Arriola, Directorate-General of Traffic, Spain
12:30– 12:45	Q&A session
12:45 – 13:00	Closing remarks Markus Dillinger, 5GAA Secretary

Demonstration (13 :00 – 17 :30) UTAC-CERAM, Autodrome de Montlhéry (Avenue Georges Boillot)	
13:00 – 13:30	Bus transfer to UTAC-CERAM demonstration test-site
13:30 – 14:30	Networking Lunch at UTAC-CERAM demonstration test-site
14:30 – 14:45	Briefing on Demonstration OEM Representatives & Qualcomm
14:45 – 16:30	Demonstration Rounds
As of 15:30	First shuttles back to Paris Area & Airports
17:30	Closure

Overview

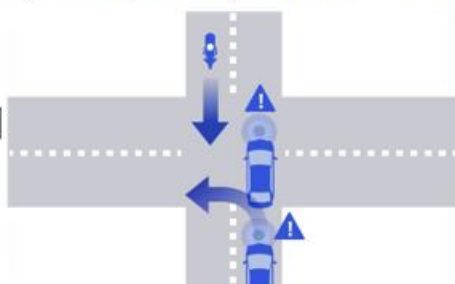
During this 5GAA Demonstration, BMW Group, Ford, Groupe PSA, Qualcomm and Savari will be demonstrating Cellular Vehicle-to-Everything (C-V2X) readiness for deployment as early as 2020.

C-V2X direct communications is designed to allow cars to communicate with other vehicles, motorcycles, infrastructure and pedestrians without the involvement of a cellular network.

Here are six scenarios featuring this breakthrough technology:

1. Across Traffic Turn Collision Risk Warning

Designed to improve safety in cluttered intersections



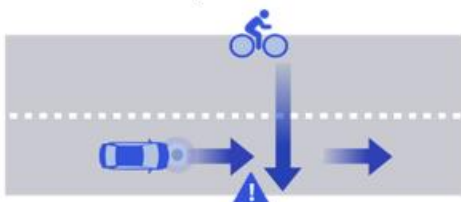
2. Emergency Electronic Brake Lights

Designed to prevent rear-end crashes



3. Vulnerable Road User Warning

When road users are present



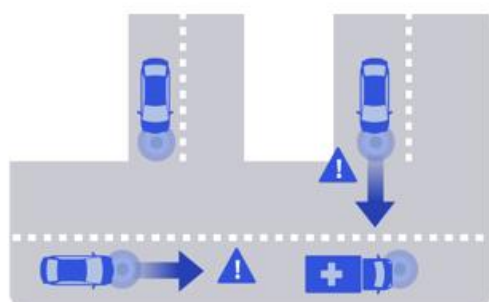
4. For Signal Violation Warning

Communicated to the driver



5. Intersection Collision Warning

Designed to improve safety in cluttered intersections



6. Stationary Vehicle Warning

Designed to prevent rear-end crashes

