

## Conference

### High Quality Positioning: a Key to Success for Autonomous Driving

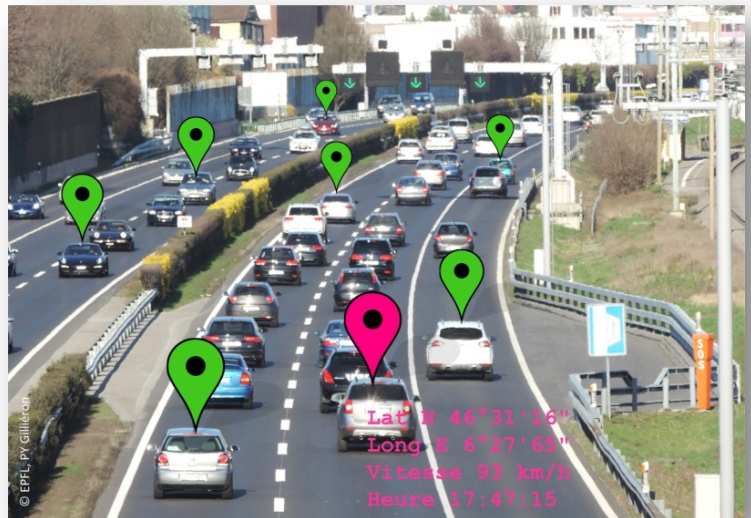


- **Date:** 4<sup>th</sup> of October 2017
- **Location:** BluePoint Brussels, 80 Bd. A. Reyers <https://goo.gl/maps/dX7RERxy6TC2>
- Joint organisation with ERTICO
- **Organisers:** F. Peyret, P.-Y. Gilliéron: chair of SaPPART; F. Fischer: ERTICO

### Conference abstract

The deployment of autonomous vehicles is becoming a reality on the European road network and will significantly affect the future liability of different actors in the road and transport sectors. Liability is strongly linked with the trust that you can have in a system, like a vehicle with advanced driver assistance or automatic driving capabilities. In these applications the vehicle positioning is one of the most critical components because most of the decisions are based on the location of the vehicle itself and of other vehicles and objects in its vicinity.

This conference is the final event of the EU COST Action "Satellite Positioning Performance Assessment for Road Transport" (SaPPART). At this occasion, the main outcomes of the Action will be presented within the context of very demanding applications, like autonomous driving.



### Objectives

The conference will discuss the main challenges of high quality positioning and will highlight the necessity to assess the positioning performances with respect to standards and well defined test procedures. The main objective is to raise awareness on the importance of positioning performance assessment for safety and liability critical applications. For the SaPPART Action, it will be the opportunity to:

- Present the main challenges of positioning for the road ITS applications
- Introduce some basic procedures for the positioning performance assessment
- Illustrate the concept in the framework of safety-critical road ITS applications
- Discuss with the main stakeholders the key issues of positioning and navigation for autonomous driving

### Participant profile

- Automotive industry, map providers, ITS suppliers, Telecom industry
- Road authorities and operators
- European institutions
- Standardisation bodies
- European projects dealing with positioning and mapping
- Test laboratories

