



## 6th Workshop on Planning, Perception and Navigation for Intelligent Vehicles

### Panel Session: Towards driverless vehicles ? 16:20

Chairman: C. Laugier

The purpose of this panel session is to discuss the hot topics of "Advanced Driving Assistance Systems" and of "Driverless Vehicles".

All the related Technical, Socio-economic and Legal issues will be addressed and discussed.

#### Speakers:

- ❖ Prof Seichi Mita, *Toyota Technological Institute, Nagoya Japan*
- ❖ Prof Christophe Stiller, *Karlsruhe Institute of Technology (KIT), Germany*
- ❖ Dr. Fawzi Nashashibi, *Inria Rocquencourt, France*
- ❖ *2 other invited speakers cancelled their participation at the last minute*
  - => **Prof DanWei Wang** from **NTU** for a visa reason & **Dr Javier Ibanez Guzman** from **Renault** for an important professional event in Paris this week

# Intelligent Cars & ITS A future hot application field ?

## Towards Driverless Cars ? Horizon 2020-25 ?

Nissan promises a  
driverless car for 2020

Date : 29/08/2013



**Autonomous car: An industrial challenge for tomorrow !**

*French Minister of Industry & Carlos Ghosn (PDG Renault-Nissan)*



Google Car 2011  
=> 140 000 miles covered



**But also most of the Automotive Constructors !**

e.g.

Tesla (90% Autonomous in 2016)

Volvo, Mercedes Class S, BMW

....

❖ Market Forecast : *8000 cars sold in 2020, about 95 millions in 2035*

❖ Still some open questions: *Why driverless cars ? Intelligent co-Pilot v/s Full Autonomy ? Acceptability ? Legal issue ? Driver / Co-Pilot Control transitions ?*