

# Autonomous Vehicle

# Meetings on Autonomous Vehicles

- ISO/TC 22 meetings
  - SAG 22 session in Bordeaux (8&9 October 2015)
  - TC 22 workshop, Kuala Lumpur (23 Feb 2016)

# Potential projects

- Dynamic vehicle criteria (NWIP to be proposed in April in SC33/WG3)
  - Automatic braking
  - Lane keeping assist vehicle response
- Dynamic vehicle issue
  - Cross function lateral and longitudinal control : to merge with ISO/TC 204 PALS
- Ergonomy
  - Taxonomy (review of the SAE J3016) to be proposed trough the ISO SAE cooperation agreement
  - Ergonomy for transition phase : takeover → NWIP to be proposed to development in SC39
  - HMI specificities for autonomous vehicle → NWIP to be proposed to development in SC39
- Security
  - Cybersecurity NWIP in progress
  - ISO 26262 functional safety (SOTIF) : NWIP in progress

# Potential projects

- Communication
  - Gigabit Ethernet : **AWI on Part 1 & Part 3**
- Autonomous Driving Data Recorder (ADDR) : **contribution awaited**
- ISO/TC 204 projects :
  - Divided highway assist systems (DHAS) - Functional/operational requirements and test procedures”
  - Partially Automated Lane Change Systems (PALS) - Functional/operational requirements and test procedures
  - Traffic Jam Assist Systems (TJAS)
    - **Cross development to be organized between ISO/TC 22 & ISO/TC 204**

# Next steps

- List of projects (current & potential)
- Coordination needed at the TC 22 level
  - Creation of an Ad'Hoc Group
  - Meeting every 6 months
  - China may propose some NWIP in the next months
  - Coordination & collaboration with TC 204