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 through 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