Safety Assurance Session [Outro]

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SIP

Cabinet Office

Safety Assurance Breakout Session [Test Scenario]

[Overview]

Socially acceptable Automated Driving (AD) safety assurance methodologies and criteria are critical to move the automated driving field forward in a sustainable and safe manner. As AD systems related international regulations and standards keep developing, efforts to ensure technical robustness and adherence to safety standards and regulations is fundamental. For this, communication between the technical experts in the field is critical.

10 min Live presentations

Name	Affiliation
Biagio Ciuffo	Joint Research Centre (European commission)
Claus Pastor	BaST
Gil Amid	FORETELLIX
Roland Galbas	Bosch (SetLv4to5)
Zhao Wang	CATARC

[Agenda]

1. Sharing key scientific and technical aspects under consideration in international regulatory and standardization discussions.
2. Discussion on compatibilities and possible gaps between standard and regulatory approaches

Up to 12 organization/project representatives will be participated

SIP SAKURA Safety Assurance KUdos for Reliable Autonomous Vehicles

Safety Assurance Breakout Session [Simulation]

[Overview]

In order to accelerate safety assurance coverage and efficiency, the simulation technology is the key.
And the perception disturbance simulation so as to test false negative and false positive perception is one of the most critical and complex challenges.
How far the physical model should be implemented for what and how far we can utilize the simulation until when needs to be clarified in order to utilize for safety assurance.

Name	Affiliation
Hein Matthias	Technische Universität Ilmenau (VIVALDI lead)
Frank Gruson	Continental AG (VIVALDI)
Stefan Schneider	Kempten University of Applied Sciences

Experts from VIVALDI and DIVP/JAMA will be participated

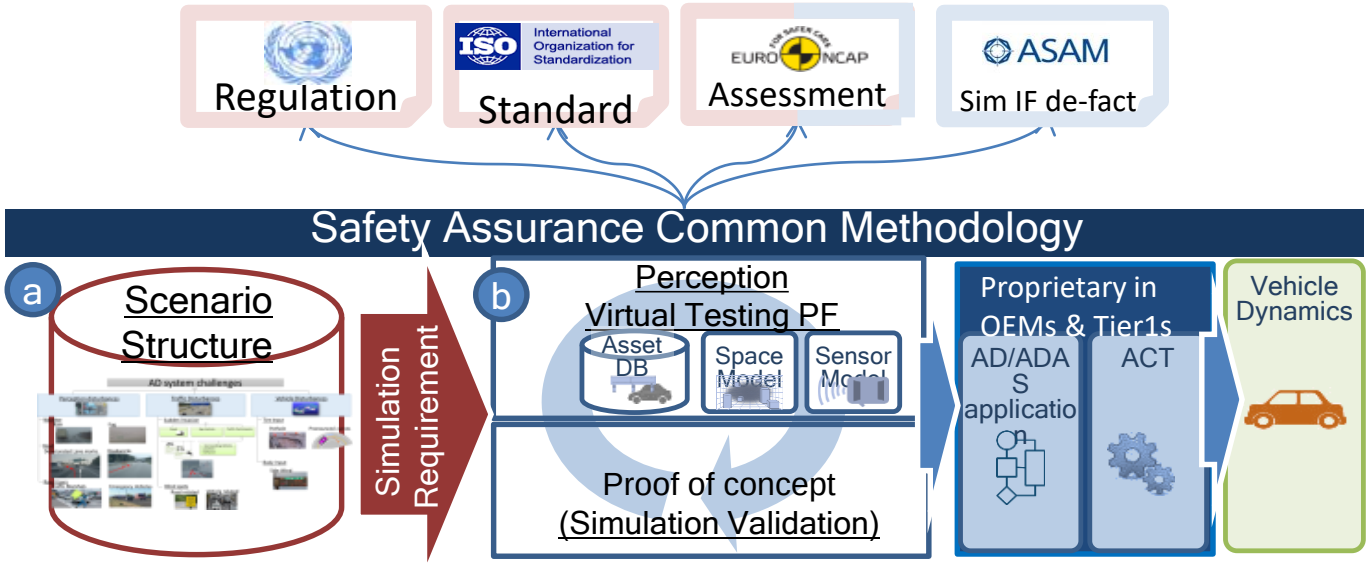
[Agenda]

Share the progress from global lead
- Requirement to perception simulation
- Validation methodology and criteria
- Simulation IF

Safety Assurance collaboration items

a
1. Common safety assurance scenario structure for perception
2. Common perception simulation requirement based on prioritized scenario

b
1. Simulation Validation Criteria and Methodology
2. Common Simulation Interface



Thank you for your attention.

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