

Invitation to the 6th Session of the GRVA Informal Working Group on Functional Requirements for Automated Vehicles (FRAV)

The sixth session of the FRAV informal group is scheduled for 29 October 2020 between 13:00 and 16:00 CET via web conference.

Session Objectives

The session agenda will cover the following items:

1. Review of the FRAV status and areas of consensus to date
2. Presentation of an update to Document 5 (for discussion during the 7th session)
3. Review and discussion of initial safety targets derived from the five starting points
4. Discussion of approaches for the definition of performance limits
5. Preparation for WP.29 November session
6. The 7th FRAV session is tentatively scheduled for 17 November

The main objective of this session is to agree on an initial set of safety targets that capture the scope of FRAV's intentions for developing high-level performance requirements for inclusion in its status report to WP.29.

Submissions

Given the constraints imposed by the web conference format, the co-chairs wish to adhere to a fixed schedule with time limits for each agenda item. Documents may be submitted for consideration; however, the co-chairs may need to postpone their presentation to a future session. All documents prepared for the session, including the session agenda, will be posted on the [FRAV-06 webpage](#) as available. Please send any submissions to the [FRAV Secretary](#) on or before 27 October.

Additional Background

During the 5th session, FRAV agreed on five starting points from which to derive an initial set of “next-level” safety goals. The aim of the 6th session is to agree upon a limited set of items that capture the scope of FRAV's intentions for performance requirements. In principle, this step should result in no more than approximately ten items under each of the starting points. The limitation aims to facilitate agreement on the principle areas of interest before proceeding to further elaboration of the items.

The FRAV secretary will prepare an updated version of Document 5 covering discussions to date. Given the complexity of Document 5, the updated version will be introduced but not discussed during the session to allow time for stakeholders to consider the revisions (i.e., FRAV will have time to discuss Document 5 during its November, December, and January sessions before the GRVA February session).

FRAV will continue to discuss approaches to the definition of performance limits. Stakeholders are encouraged to provide input towards preparing for work on quantifying performance requirements after FRAV has agreed upon its comprehensive list of safety targets.

Please keep in mind the FRAV decision to pursue ODD and other constraint provisions together with the development of performance requirements. The performance requirements apply across ADS configurations while the ODD chapter specifies elements that may vary across specific ADS applications. FRAV will consider how best to organize this work after reaching consensus on the initial safety targets.