

Invitation to the 32nd Session of the GRVA Informal Working Group on Functional Requirements for Automated Vehicles (FRAV)

The 32nd session of the FRAV informal group is scheduled for 17-18 November 2022 at the Palais des Nations (Building H) in Geneva. The session on Thursday, 17 November will begin at 09:30 CET and end by 17:00 CET. The session on Friday, 18 November will begin at 09:30 CET and end by 12:00 CET.

Materials for the session can be found on the [session wiki page](#) as they become available.

Participants can join remotely via these links on [Thursday, 17 November](#) and [Friday, 18 November](#).

The discussions will cover the following topics:

- GRVA and WP.29 decisions regarding external light signals for ADS vehicles
- FRAV exchange of information with WP.1 IGEAD (7-8 November)
- FRAV-VMAD leadership discussions on 2023-24 strategy
- FRAV interim submission to WP.29 for its June 2023 session
- Preparations for the December session in Tokyo (including joint FRAV-VMAD session)
- Preparations for the March 2023 session in Coventry

Updates from the workstreams and stakeholder presentations, if any, will be integrated into these discussions.

External light-signalling

FRAV submitted its recommendations on external lighting requirements for ADS vehicles to the 14th (September 2022) GRVA session. GRVA amended the recommendations and submitted them to the 188th (November 2022) WP.29 session (document [WP.29-188-10](#)). FRAV will review the outcomes of the GRVA and WP.29 sessions.

FRAV-IGEAD meeting

Pursuant to discussions with WP.1, GRVA requested FRAV to exchange information with the WP.1 Informal Group of Experts on Automated Driving (IGEAD). IGEAD hosted a meeting in The Hague during 7-8 November where FRAV provided an overview of its work. The exchange highlighted areas of common interest, including human interactions with ADS and ADS vehicles, ADS developer access to information on traffic rules and infrastructure attributes, and ADS user education. FRAV will be briefed on the discussions and outcomes.

FRAV-VMAD leadership discussions

Since the last FRAV session, the FRAV and VMAD leaderships have held discussions on collaboration towards preparing a joint submission to the June 2024 WP.29 session. The discussions aim to provide a strategic vision to guide this work and a framework for managing collaboration for consideration during the joint FRAV-VMAD session planned during the Tokyo meetings next month. FRAV will be briefed on the status of these discussions.

FRAV interim submission to the June 2023 WP.29 session

FRAV will need to agree on its interim submission to WP.29 for the June 2023 session. As stated throughout the FRAV sessions, Document 5 provides the basis for this submission but is not the submission itself. In addition to the recommendations in Document 5, the submission will need to conform to certain WP.29 formatting practices, provide background to enable understanding of the recommendations, and highlight links with the AV Framework Document and the FRAV terms of reference, among other things.

FRAV will be provided with a document to illustrate these considerations based on a consolidation of previous FRAV submissions to GRVA, Document 5, the ToR and AV Framework Document, and relevant materials considered during the most recent FRAV sessions. FRAV may wish to consider using this document as a basis for preparing its submission to WP.29.

FRAV December session in Tokyo

In coordination with VMAD, FRAV is preparing for a session during the week of 12 December in Tokyo. The main aim of the FRAV session will be to establish the basis for finalizing the interim submission to WP.29 by March 2023. As things stand now, FRAV and VMAD will each have 1.5 days for their respective sessions plus a joint session to consider the strategy for preparing an integrated submission to WP.29 for its June 2024 session. FRAV will consider the current status of work, expectations for the interim submission in 2023, and its agenda for the December session.

FRAV March 2023 session in Coventry

The United Kingdom in association with WMG at the University of Warwick has offered to host FRAV's session next March where FRAV will need to finalise its submission to the June 2023 WP.29 session. FRAV will consider arrangements for this session as well as FRAV views on sessions between December and March to facilitate finalisation of its WP.29 submission(s) and its reporting to the January and May GRVA sessions.

If you have not done so, please confirm with the secretary whether you plan to attend the 31st session in person. If planning to participate remotely, please inform the secretary whether you will have limitations on your availability between the hours of 09:00-17:00 EDT. If experts wish time on the agenda for presentations, please notify the secretary. Submissions can be sent to the FRAV secretary (jcreamer@americanautocouncil.org).