

INFRAMIX and TransAID

Joint stakeholder workshop

Infrastructure requirements and traffic control strategies for Automated Driving

Date:	Wednesday, 9 th October 2019
Venue:	VIRTUAL VEHICLE Research Center – headquarter Inffeldgasse 21a, 8010 Graz, Austria

The goals of the workshop are:

- To explore in more detail how increasingly automated vehicles are likely to behave in various traffic situations and how this may affect the traffic management task.
- To provide insight into the role that communication technology (digital infrastructure) can play in the shorter run for connected transport and in the longer run for automated transport.
- To promote reflection among public, knowledge and technology stakeholders on proposed solutions, and on their role and responsibilities as automated driving evolves.

Time	Topic
09:00–09:30	Registration and coffee
09:30–10:30	Welcome & introduction – <i>Eva Hackl (ASFINAG) and Aldo Ofenheimer (VIF)</i> Research programmes and strategic research directions – the European Perspective – <i>Rafal Stanecki (DG MOVE)</i> INFRAMIX project – <i>Wolfram Klar (ATE)</i> TransAID project – <i>Julian Schindler (DLR)</i> Expectation towards automated driving – <i>Sven Maerivoet (TML) (20 minutes)</i>
10:30–10:45	Introduction to discussion sessions – <i>Eva Hackl (ASFINAG)</i>
10:45–11:15	Coffee break and poster exhibition



Time	Topic
11:15–12:15	Discussion sessions – first round Session A: Limitations of automated driving – ODD, ToC – <i>Alexander Frötscher (ATE) and Julian Schindler (DLR)</i> Session B: Modelling infra-assisted automated driving and simulation findings – <i>Evangelos Mintsis (CERTH) and Selim Solmaz (VIF)</i> Session C: Traffic control strategies for mixed traffic – <i>Anton Wijnbenga (MAPtm) and Michele Rondinone (Hyundai)</i> Session D: ISAD – how can infrastructure support automated driving? – <i>Stamatis Manganariis (ICCS)</i>
12:15–13:15	Lunch
13:15–14:15	Discussion sessions – second round
14:15–14:45	Wrap up of discussion sessions by session moderators – <i>Eva Hackl (ASFINAG)</i>
14:45–15:00	Presentation of the three INFRAMIX use cases – <i>Yannick Wimmer (ASFINAG)</i>
15:00–15:30	Coffee break and poster exhibition
15:30–16:00	Interactive discussion – <i>Sven Maerivoet (TML)</i>
16:00–16:45	Meet the testing group – <i>Yannick Wimmer (ASFINAG), Daniel Tötzl (Siemens), Stefaan Duym (BMW), Alexander Frötscher (ATE)</i>
16:45–17:00	Closing remarks – <i>Eva Hackl (ASFINAG)</i>



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