



ROADVIEW Final Event

Automated Driving in Adverse Weather Conditions

19 August 2026, AVL Mobility and Sensor Center
Roding, Schorndorfer Str. 91, 93426 Roding, Germany

roadview-project.eu/final-event



Co-funded by the European Union. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or European Climate, Infrastructure and Environment Executive Agency (CINEA). Neither the European Union nor the granting authority can be held responsible for them. Project grant No. 101069576.

UK participants in this project are co-funded by Innovate UK under contract No.10045139. Swiss participants in this project are co-funded by the Swiss State Secretariat for Education, Research and Innovation (SERI) under contract No. 22.00123.

About the ROADVIEW project

ROADVIEW is a Horizon Europe research and innovation project advancing automated driving technologies under challenging weather conditions, including rain, fog, snow and low visibility environments.

The project develops and validates a robust, integrated system architecture combining:

- Advanced perception systems resilient to degraded visibility
- Intelligent control and decision-making algorithms
- Vehicle-to-everything (V2X) communication
- Cross-scenario validation in urban, highway and winter environments

By addressing key limitations of current automated driving systems, ROADVIEW contributes to **safer, more reliable and scalable deployment** of automated mobility solutions across Europe.

What to expect at the ROADVIEW Final Event

The ROADVIEW Final Event will present the project's key results, innovations and real-world demonstrations, bringing together research, industry and policy stakeholders.

Participants will benefit from:

- Insights into cutting-edge R&I results on perception, control and validation
- Expert keynote contributions from leading actors in automated driving
- A panel discussion on deployment, regulation and market readiness
- Live demonstration of automated urban driving under realistic conditions
- Opportunities for networking, exchange and collaboration

Who should attend?

This event is designed for stakeholders involved in automated mobility and intelligent transport systems, including:

- Automotive OEMs and suppliers
- Technology providers and SMEs
- Research organisations and universities
- Policymakers and regulatory bodies
- Infrastructure operators and mobility service providers
- Innovation clusters and EU project participants

Why participate

- Gain **first-hand access to validated results** from a Horizon Europe project
- Understand **remaining challenges and future research directions**
- Explore **deployment pathways and market opportunities**
- Connect with key actors shaping the future of automated driving

Event format

- On-site participation at [AVL Mobility and Sensor Center Roding, Schorndorfer Str. 91, 93426 Roding, Germany](https://www.avl.com/en/locations/roding)
- Hybrid access for remote attendees
- Networking sessions, posters and demonstration materials available throughout the event

Registration

Participation is free of charge, but registration is required.

Register here: roadview-project.eu/final-event



Online participation will also be available, including access to demonstration recordings and live Q&A.

Contact

For further information, please contact:

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Timing	Session & Speakers
10:00 – 10:15	Welcome & Opening <i>Stefan Parzefall, AVL Software and Functions GmbH</i>
10:15 – 10:45	ROADVIEW Project Overview & Key Results <i>Eren Aksoy, Halmstadt University, ROADVIEW coordinator</i> <ul style="list-style-type: none"> ROADVIEW system architecture Summary of demonstrations (urban, highway, winter scenarios) Key innovations and validation outcomes
10:45 – 11:30	Perception <ul style="list-style-type: none"> The ROADVIEW perception system - from sensors and noise models to robust perception in adverse weather conditions <i>Heikki Hyyti, Finnish Geospatial Research Institute FGI & Valentina, Valentina Donzella, Queen Mary University of London</i> Towards LiDAR-based Scene Understanding for Autonomous Cars <i>Jens Behley, Photogrammetry & Robotics Lab, University of Bonn</i> Beyond GNSS: The Art of Autonomous Vehicle Localization in Extreme Weather Conditions <i>Mohammad Aldibaja, Visiting Fellow at University of Groningen</i>
11:30 – 12:15	Automated driving decision making and V2X <ul style="list-style-type: none"> From Uncertainty to Safe Decisions: Real-World Weather-Aware Automated Driving with V2X in ROADVIEW <i>Mikko Tarkiainen, VTT Technical Research Centre of Finland Ltd</i> Challenges for the Safety Simulation of Automated Driving <i>Felix Fahrenkrog, BMW Group</i> V2X data as sensor for Automated Driving <i>Paulus Spaanderman, CEO of Innomo Consulting, (Representing Toyota in Direct V2X) ETSI ITS Vice Chair</i>
12:15 – 13:15	Lunch Break / Networking / Posters
13:15 – 13:55	Validation <ul style="list-style-type: none"> ROADVIEW Weather Aware XiL systems <i>Maikol Drechsler, CARISSMA Institute of Automated Driving</i> Closing the Weather Gap: Continuous Validation of Weather Effects for Safe Automation <i>Philipp Rosenberger, Persival GmbH</i> Bringing the weather to the lab: How to stay dry when testing in heavy rain <i>Henrik Liebau, Keysight Technologies, Inc.</i>
13:55 – 14:15	Lessons Learned (challenges) white paper <i>Eren Aksoy, Halmstadt University, ROADVIEW coordinator</i> <ul style="list-style-type: none"> Cross-scenario insights (urban, highway, winter) Integration challenges and solutions Key lessons for future deployments
14:15 – 15:00	Panel Discussion: From Testing to Deployment <i>All speakers</i> <ul style="list-style-type: none"> Scaling automated driving solutions Regulatory and safety considerations Market readiness and next steps
15:00 – 16:30	Live Demonstration – Urban Driving Scenario AVL Mobility and Sensor Center Roding <ul style="list-style-type: none"> For online participants: Recording & moderated Q&A Apéro & networking Posters, demonstration videos & booth
16:30	Closing Remarks

SPEAKERS



Eren Erdal Aksoy
Halmstad University



Stefan Parzefall
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Heikki Hyyti
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