

From Pilots to Policy:

A Roadmap for Standardized CAV Operations Testing on Public Roads

The deployment of Connected and Automated Vehicles (CAVs) on public roads is accelerating worldwide; however, the lack of harmonized testing, validation, and regulatory frameworks remains a critical barrier to scalable and safe operations. While pilot deployments continue to expand, differences in public-road testing methodologies, safety assurance evidence, and regulatory acceptance across regions create uncertainty for road authorities, operators, and manufacturers.

Through expert presentations and guided discussion, participants will gain insight into current gaps in public-road testing frameworks, lessons learned from operational deployments, and emerging regulatory roadmaps for CAV operations. The workshop aims to foster cross-sector dialogue and contribute to a shared understanding of how standardized testing and validation practices can support safe, scalable, and publicly accepted CAV deployment.

MODERATOR


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SPEAKERS


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AGENDA

60 min	Speaker Presentations Emanuela Stocchi: Policies and Missions of PIARC for ITS Deployment Dr. Ke Ma: PAVE: A Real-World End-to-End Evaluation Dataset for Production Autonomous Vehicles Cemre Kavvasoglu: From Architecture to Operation: Building Scalable Autonomous Public Transit Dr. Zsolt Szalay: Verification and validation of ADAS/ADS systems using intelligent public road infrastructure
20 min	Q&A
50 min	Roundtable discussions for given table-specific questions & Presenting table solutions & Discussions
20 min	Final remarks & Conclusion