

Transformational Technologies: Automation and Connectivity (All Modes) Sessions at 2020 TRB Annual Meeting, rev. 12/10/19

	Time	Sessions: Number and Title				
Sunday	9:00 am–12:00 noon	1016-Impacts Connected and Automated Vehicles Could Have on Geometrics	1031-Highlights from the 2019 Automated Vehicle Symposium	1032-The Advancement of Modeling Connected and Automated Vehicles: Past and Future	1034-Surrogate Measures of Safety for Heterogeneous Traffic: Automation, Cyclists, and Pedestrians	1039-Mitigating Public Transit Areas of Critical Safety Risk
	1:30 pm–4:30 pm	1048-Accelerating Automated Vehicle Acceptance with Technology Transfer	1060-Impact of Connected and Automated Vehicles on Pavement Design and Performance	1082-Preparing the Emerging Autonomous Vehicle Market for Paratransit Services and Meeting the Needs for Persons with Disabilities	1089-Test Bed Development for Maritime Autonomous Surface Ships	
Monday	8:00 am–9:45 am	1101-Autonomous Vehicles and Travel Behavior	1120-Traffic Flow Modeling for Connected Automated Vehicles	1133-New Tools for Transportation: Current and Emerging Uses of Drones for Infrastructure Monitoring and Equipment Maintenance	1150-Designing and Planning of Automated Transit Systems in Mixed-Use Environments	
	10:15 am–12:00 noon	1164-GIS Data Needs for Connected Autonomous Vehicles	1167-Shared Mobility, Automated Vehicles, and the Future of Mobility	1186-Regulating the Unknown: Balancing Legal and Policy Considerations for the Future of Mobility		
	1:30 pm–3:15 pm	1237-Automated Transportation and Shared Mobility	1251-Planning-Level Adjustments for Connected and Automated Vehicles in the Highway Capacity Manual, 6th Edition	1252-Traffic Control Devices Challenge: Connected and Autonomous Innovations for Improving Work Zone Safety—Hybrid Session	1267-Automated Shuttles and Other Transportation Innovations in Military Communities	
	3:45 pm–5:30 pm	1289-Making Autonomous Vehicles Accessible for All	1295-Analysis of Shared or Autonomous Mobility Systems	1308-Issues Affecting Public Acceptance of Automated Vehicles	1309-Technology Assisting to Make Better Work Zones	1325-From Horses to Robots and Cyber: A Century of Military Transportation Progress
	6:00 pm–7:30 pm	1348-Real-World Deployment of Connected Vehicles: Challenges and Lessons Learned	1353-Infrastructure-Vehicle Cooperative Automation	1354-Modeling, Simulation, Analysis, and Evaluation of Connected and Automated Vehicle Applications	1355-Toward Adoption of Vehicle-Highway Automation	
Tuesday	8:00 am–9:45 am	1386-Preparing for Connected and Automated Vehicles: Results from EU–U.S. Research Collaboration			1403-Unmanned Systems and Their Operational and Environmental Impacts	
	10:15 am–12:00 noon	1456-Assuring the Safety of Highly Automated Vehicles	1457-Connected and Automated Vehicle Technologies Changing the Way Managed Lanes Operate		1480-Transportation Management and Governance in the Age of Disruption	1495-Traffic Signal Control with Connected Automated Vehicle or Trajectory Data
	1:30 pm–3:15 pm	1508-An Economic Perspective of Autonomous Technologies and Ridesharing Systems		1511-Autonomous Vehicle and Unmanned Aerial Systems Education and Training: The Future Is Now	1515-Developing an Innovative and Transformational Strategy for the Connected Truck Extended Ecosystem	1536-Impact of Connected/Autonomous Vehicles on Roadway Maintenance Operations
		1542-New Research in Human Factors and Vehicle Automation		1546-Autonomous Vehicles, Drones, Robots, and Home Delivery	1549-Freight Day, Part 3: Port Automation: The Coming of the Fourth Industrial Revolution	1567-Micromobility, Mobility as a Service and Shared Automated Vehicles

Tues, cont.	3:45 pm– 5:30 pm	1586-Energy Use and Emissions from Advanced/Automated Medium and Heavy Duty Vehicles	1606-User Information Needs for Connected and Automated Vehicle Technologies	1620-Safety Aspects of Aircraft Automation and Systems Complexity	1638-Emerging Legal Issues	1614-Autonomous Track Inspection
	6:00 pm– 7:30 pm	1647-State of the Art Review of Cooperative Automated Transportation Systems				
Wed	8:00 am– 9:45 am	1674-TRB Forum on Preparing for Automated Vehicles and Shared Mobility	1684-Counter-Unmanned Aircraft Systems Operations: Complexity and Necessity	1689-Best of the Transportation Planning Applications Conference and More!		
Thurs	8:00 am– 12:00 noon	1779-Workshop on Challenges and Opportunities of Road Vehicle Automation				