

## FORUM ON CONNECTED & AUTOMATED VEHICLES: ENERGY IMPACTS

• (DRAFT) Schedule-at-a-Glance •

8:00 - 8:45 am	<b>Networking Breakfast</b>
8:45 - 9:15 am	<b>Opening Session: Keynote Address</b>
9:15 - 10:30 am	<p><b>Session 1: Technology Trajectory and Characterization of Energy Impacts</b></p> <p><i>Experts disagree on how fast fully autonomous vehicles will dominate the fleet, but lower levels of automation are entering the market at a rapid clip. This session will survey energy impacts of near-term technologies as well as the factors that will determine energy implications in the longer term.</i></p>
10:30 - 10:45 am	<b>Networking Break</b>
10:45 am - 12:00 pm	<p><b>Session 2: CAV Applications in Goods Movement</b></p> <p><i>Predictive cruise control, platooning and other heavy-duty vehicle applications may be among the earliest CAV technologies to yield major energy savings. This session will look at current efforts to implement these technologies in the freight sector and the associated commercial, technical, and infrastructure challenges. We'll also discuss CAV applications in urban delivery and intermodal facilities.</i></p>
12:00 - 1:30 pm	<b>Working Lunch</b>
1:30 - 2:45 pm	<p><b>Session 3: CAVs in Urban Transportation Systems</b></p> <p><i>From vehicle-to-infrastructure communications to streamline traffic flow to fully autonomous vehicles, CAVs could help cities make urban transportation systems safer, cleaner, more efficient, and more equitable. But the benefits of these vehicles will depend on how they are integrated with other mobility options, who has access to them, and ultimately their implications for the built environment. This session will highlight how cities are planning for CAVs to ensure more sustainable transportation systems.</i></p>
2:45 - 3:00 pm	<b>Networking Break</b>
3:00 - 4:15 pm	<p><b>Session 4: Policies to Promote Energy Savings</b></p> <p><i>Vehicle efficiency standards, infrastructure investment, mileage-based fees, and CAV-specific requirements are among the federal policy options to help guide CAV deployment toward energy efficiency; policies at the state and local levels include transportation planning practices, pricing strategies, and greenhouse gas reduction plans. The final session will be a discussion of which policies offer promising mechanisms for promoting energy savings from CAVs while taking best advantage of their other benefits.</i></p>
4:15 - 4:45 pm	<b>Closing Session: Summary and Next Steps</b>