

Maryland Connected & Automated Vehicles Working Group

Tuesday, August 29, 2023

9:00 am – 12:30 pm

In Person: Community College of Baltimore County, Dundalk Campus, 7200 Sollers Point Road, Baltimore

If you plan to attend this in-person meeting, then you must register at this link.

<https://forms.office.com/g/eU4hFF9iS7>

ALL must register to track for max capacity in the facility. Confirmation will be emailed within a day or two of your registration and is on first-come basis with allowances for inclusion of as many organizations as possible.

AGENDA	
9:00 am	Demonstrations / Showcase Tables / Networking <ul style="list-style-type: none">• <i>Demos:</i><ul style="list-style-type: none">○ Commercial Vehicle Safety Alliance – enhanced inspections for AV trucks○ Workhorse Group – AAM demonstration• <i>Information/Showcase Tables</i><ul style="list-style-type: none">○ Workhorse Group○ Bishop Consulting – information table○ Commercial Driver License Training○ Community College of Baltimore County – aviation / automotive program○ Community College of Baltimore County – freight transportation, distribution & logistics○ Panasonic
10:00 am	Welcome & Opening Remarks <ul style="list-style-type: none">• Administrator Chrissy Nizer, Maryland Department of Transportation Motor Vehicle Administration (MDOT MVA), Chair• Deputy Administrator Teri Soos, Maryland Department of Transportation State Highway Administration (MDOT SHA)• Louise D. Slezak, Dean, Continuing Education and Workforce Development, Community College of Baltimore County, Community College of Baltimore County
10:20 am	Workforce Opportunities in the CAV Freight Space <ul style="list-style-type: none">• Jay Bouis, Community College of Baltimore County
10:30 am	CAV & Freight / Trucking: Policies and Best Practices <ul style="list-style-type: none">• Dave Sutula, Federal Motor Carrier Safety Administration• John Sova, Commercial Vehicle Safety Alliance
11:00 am	Short Break – Showcase Tables / Networking
11:10 am	Industry Panel Discussion: CAV Tech & Freight <ul style="list-style-type: none">• Dan Murray, ATRI Trucking Research• Don Lefeve, RRAI Robotic Research• Ben Drake, Workhorse Group MODERATOR: Louis Champion , Maryland Motor Truck Association

12:10 pm	<p>Lightning Round Updates – Companies filing Expression of Interest for MD CAV</p> <p>Expressions of Interest (EOI) are submitted from entities interested in research, testing and implementation of CAV in Maryland; process and an online form can be found under <i>Collaboration with Industry</i> at cav.mdot.maryland.gov Each company will provide a brief update to focus on active or pending plans on CAV in Maryland, including partnership opportunities.</p> <ul style="list-style-type: none"> • Matt Gilbertson, Panasonic • Nikhil Jain, Cavvue
12:20 pm	<p>Taste of the Big Picture on CAV Truck Issues</p> <ul style="list-style-type: none"> • Richard Bishop, Bishop Consulting
12:25 pm	<p>Closing Comments / Questions / Announcements</p>
12:30 pm	<p>Adjourn</p> <ul style="list-style-type: none"> • Next meeting in late 2023

PANEL SPEAKERS:



Richard Bishop

Bishop Consulting

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When it comes to connected and automated vehicles, my job is to know what’s going on, who’s doing it, and identify significant and emerging trends. With a global perspective, I focus on partnership development, intelligent vehicle applications, industry trend analysis, and business strategy. My clients include federal government agencies, vehicle manufacturers, suppliers, research laboratories, state DOTs, and technology firms worldwide. I have deep and broad relationships

with key players and I operate very broadly across this eco-system to bring my clients together with high-potential customers, suppliers, and stakeholders. Additionally, I’m an early-stage investor, focusing on driver assist and automated driving systems. One of my specialties is automated trucking. I am 2nd Vice-Chair of the Automated and Electric Study Group of the American Trucking Association Technology and Maintenance Council.



Jay Bouis

Assistant Dean, Applied Technology and Logistics

Community College of Baltimore County

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Over the course of 15 plus years and multiple positions with CCBC, Jay has focused on workforce development in several areas: building and industrial technology; information technology career programming; transportation, distribution, and

logistics; and registered apprenticeship. Jay brings over 25 years of public and private sector experience.



Louis Campion

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Louis Campion is the president & CEO of the Maryland Motor Truck Association, a 1,000-member trade association dedicated to supporting and advocating for a safe, efficient and profitable trucking industry. He assumed the position in 2009, after serving as the association's vice president for the previous eight years. As MMTA's chief executive officer, he is responsible for directing the day to day operations of the association, and serving as the primary advocate for Maryland's trucking industry before state and local government officials. Prior to joining MMTA Louis worked for Ryder. He has also held positions at the U.S. Department of Commerce and the Maryland General Assembly. Louis is a graduate of Shippensburg University in Pennsylvania and holds a master's degree in Public Administration from the University of Baltimore.



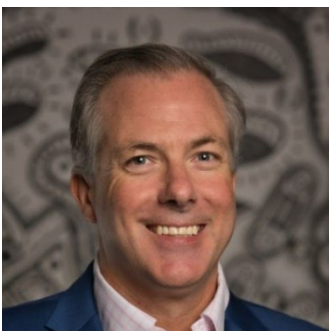
Ben Drake

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Ben Drake brings more than 20 years' experience in the public and private sectors to Workhorse Group Inc. Previously, he served as the Deputy Director for Energy Resilience policy at the Department of Defense and led emerging technology policy on the Office of the Secretary of Defense (OSD) Strategy team. He joined the Federal government as a Presidential Management Fellow and served in key roles on the Senate Energy and Natural Resources Committee, at the Department of State during the Paris Climate Agreement, and at the White House Council on Environmental Quality. Among other private sector roles, prior to joining the Federal government, Ben managed Accuride Corporation's largest account, Navistar. He is a graduate of the University of Chicago's Executive Finance program and holds a master's degree in Energy Engineering from the University of Illinois at Chicago; a graduate certificate in Space Systems and Operations from the Naval Postgraduate School; and a B.S. in Civil and Environmental Engineering from Michigan State University. Ben also served as a science and technology officer in the United States Navy Reserve.



Don Lefevé

Vice President of Corporate Affairs
RRAI Robotic Research

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As the Head of Corporate Affairs for Robotic Research, I lead the company's government, regulatory, and public relations including the launch of the company's newly established commercial division—RRAI. As the former President & CEO of the Commercial Vehicle Training Association (CVTA), the nation's largest association of commercial truck driving schools, I understand the need for and value that commercial drivers provide our country. My background in transportation, workforce, and technology provides a unique background for tackling the issues in autonomous transportation. Throughout my 20 years in government relations, I have had extensive experience representing companies and clients in highly regulated industries such as transportation, education, tele-communications, defense, and homeland security on both the federal and state level. I served on the legislative staff of former United States Senator John Warner and have worked on several Congressional, Senate, and Presidential campaigns.



Dan Murray

Senior Vice President
American Trucking Research Institute (ATRI)
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Daniel Murray has more than 30 years of experience in a broad range of transportation fields including trucking research and economics, transportation safety technologies and autonomous vehicles. As Senior Vice President ATRI, Dan is responsible for managing ATRI's transportation research, testing and evaluation, and leads multiple national activities including the U.S. DOT-sponsored Freight Mobility Initiative. Dan's efforts have led to transportation research awards from ITE, ITS America and the University of Minnesota, among others. Prior to his employment with ATRI, Dan spent several years working in economic development for a Chicago business consortium and four years developing transit programs, policy and funding with the Regional Transit Board in Minneapolis/St. Paul, Minnesota. Dan is actively involved in multiple committees of the National Academies' Transportation Research Board, and presently sits on the Boards of the Freight Mobility Research Institute, Mid-America Transportation Center, Northwestern University's Telemobility Center, and the Minnesota Freight Advisory Committee. Dan received his BA from Gustavus Adolphus College in St. Peter, Minnesota, and his MS from Northwestern University in Evanston, Illinois.



John Sova

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The Roadside Inspection Specialist provides assistance to the Director of Inspection Programs in the leadership, direction and administration of all aspects of CVSA's CMV roadside inspection program initiatives for CVSA-certified enforcement personnel and the Alliance's enforcement and inspection initiatives relating to the advancement of CMV automated driving systems. John has served in several positions with CVSA over more than seven years.






Dave Sutula

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As the Chief of FMCSA's Vehicle and Roadside Operations Division in the Office of Bus & Truck Standards and Operations Dave helps develop and enforce regulations in an effort to reduce crashes, injuries, and fatalities involving large trucks and buses operated in interstate commerce. Before coming to FMCSA, Dave worked in a number of other regulatory positions within the Department of Transportation in Washington, DC. He spent 17 years in the National Highway Traffic Safety Administration's Office of Crashworthiness Standards, working on regulatory projects involving various motor vehicle safety standards, including such topics as motorcoach seat belts, motorcoach fire safety, vehicle event data recorders, international harmonization of regulations, and vehicle lighting systems. Dave received his mechanical engineering degree and masters in engineering from Case Western Reserve University in Cleveland, Ohio. Mechanical Engineer with broad experience in both government and non-profit management. Direct experience with transportation, appliance, energy, and supply chains.

Lightning Round Updates - Companies filing Expression of Interest for MD CAV

Company	Contact	Brief Description
<p>Panasonic https://na.panasonic.com/us/smart-mobility/cirrus</p>	<p>Matt Gilbertson Senior Account Executive Smart Mobility, Cirrus by Panasonic c 303-725-7927 matt.gilbertson@us.panasonic.com 6144 North Panasonic Way, Ste 100 Denver CO 80249</p>  	<p>At Panasonic, we work hand-in-hand with colleagues across the transportation industry to address challenges that we all face using vehicle-to-everything (V2X) technology. The Cirrus by Panasonic connected vehicle platform provides the tools to enhance mobility, resulting in improved safety, lower emissions, reduced congestion and more efficient transit and emergency vehicle operations.</p> <p>Since its introduction in 2018, Cirrus has been embraced by a growing number of transportation agencies and is recognized as the most innovative and trusted V2X mobility system in North America. Delivered as a scalable Software-as-a-Service (SaaS) solution, Cirrus offers a flexible, secure, standards-based digital architecture for mobility management, roadway safety and communication between vehicles, the road and everything that touches it.</p> <p>Knowing that Maryland is investing in a growing CAV ecosystem, Panasonic is excited to share what we are working on elsewhere in the country and what we could provide to help support the State in reaching their goals.</p>
<p>Cavnue www.cavnue.com</p>	<p>Nikhil Jain Senior Director, Project & Commercial Development nikhil@cavnue.com 404.990.2770</p> 	<p>Our mission at Cavnue is to build the world’s most advanced roads, that are safer, offer greater throughput, improve access to affordable and high-quality public transit and shared mobility, and enable more efficient movement of goods by accelerating deployment of CAVs.</p> <p>Cavnue is developing a technology platform that can be deployed on highways in Maryland for multiple use cases including commuter highways for safety and comfort improvement and advanced transit, automated freight corridors and drayage corridors near ports and intermodal yards.</p>

Questions?

Email: CAVMaryland@mdot.maryland.gov