

Maryland Connected & Automated Vehicles Working Group

Tuesday, April 20, 2021

1:00 pm – 3:00 pm

Virtual Meeting Link: <https://attendee.gotowebinar.com/register/704145250296466702>

AGENDA	
1:00 pm	<p>Call Meeting to Order, Logistics, & Opening Remarks</p> <ul style="list-style-type: none">○ Administrator Chrissy Nizer, Maryland Department of Transportation (MDOT) Motor Vehicle Administration, Co-Chair○ Executive Director Jim Ports, Maryland Transportation Authority, Co-Chair
1:20 pm	<p>Panel Discussion: Cybersecurity – Protecting the Privacy of CAV Customers</p> <ul style="list-style-type: none">○ Justine Kasznica and Ashleigh Krick, Babst Calland○ Brian Knighton, National Security Agency (NSA)○ Scott Bernard, Maryland Department of Information Technology <p>Moderator: Corey Tsang, National Security Agency (see short bios on page 2)</p>
2:05 pm	<p>Progress on Use of Maryland CAV Strategic Framework</p> <ul style="list-style-type: none">○ Carole Delion, MDOT State Highway Administration
2:15 pm	<p>News on Maryland HAV Testing</p> <ul style="list-style-type: none">○ Anuja Sonalker, Ph.D, Founder & CEO, STEER Tech (anuja@steer-tech.com)○ Bryan Brillhart, Senior Program Manager, Robotic Research (bbrilhart@roboticresearch.com)○ Rasheed Walford, East District, Business Development & Sales Manager, Local Motors (rwalford@local-motors.com) <p>Moderator: Nanette Schieke, MDOT Motor Vehicle Administration</p>
2:30 pm	<p>Maryland EOI Companies – Lightning Round of Updates</p> <p>Expression of Interest (EOI) info is on CAV landing page @ mdot.maryland.gov/MarylandCAV</p> <p>This panel includes six companies that have filed EOIs for research, testing and/or implementation of CAV in Maryland. Each company will very briefly provide update to focus on active or impending plans for CAV work in Maryland, including partnership opportunities.</p> <p>(see company/contact info on page 3)</p>
2:45 pm	<p>Brief Status: National Activities Related to CAV (US DOT, FCC 5.9 GHz Reallocation, Congressional Legislation, National Committees/Associations)</p> <ul style="list-style-type: none">○ Steve Kuciemba, WSP USA
3:00 pm	<p>Closing: Next meeting – Tuesday, August 10, 2021 @ 1:00pm</p>

PANEL SPEAKERS:

Scott A. Bernard, Ph.D., Chief Enterprise Architect, Maryland State Department of Information Technology
(scott.bernard@maryland.gov)

A native of Balboa, California and retired naval aviator, Dr. Bernard is actively involved in information technology planning, university teaching, and sailing. He has held numerous executive positions during the past 20 years, including Chief Information Officer, Chief Enterprise Architect, Senior Program Manager, and founder of a small IT consulting firm. Scott has also served as the Federal Chief Enterprise Architect in the Office of Management and Budget, and Deputy CIO and Chief Enterprise Architect with the Federal Railroad Administration. Dr. Bernard is a part-time Professor of Practice on the faculty of Syracuse University's School of Information Studies where he developed a number of new courses, helped launch the university's first executive doctorate program in IT management, developed a graduate certificate in E-Government with the Maxwell School of Public Administration, and co-founded a university-wide center for cybersecurity studies. Scott is also a senior lecturer at Carnegie Mellon University's School of Computer Science, with the Institute for Software Research where he developed and still teaches an executive education certification program in enterprise architecture. Dr. Bernard founded the Journal of Enterprise Architecture in 2005 and served as its Chief Editor until 2010. In 2004, he wrote the first textbook on enterprise architecture, now in its 4th edition (2020), which integrates strategic, business, and technology planning and applies these concepts to organizational transformation, including corporate mergers and acquisitions. Dr. Bernard was elected by peers to the Enterprise Architecture Hall of Fame in 2012.

Justine Kasznica, Attorney at Law, Babst Calland (jkasznica@babstcalland.com)

Justine Kasznica is a shareholder and chair of the Emerging Technologies practice group at Babst Calland. She is a technology and corporate finance attorney who specializes in supporting the legal and regulatory needs of clients in the autonomous mobility industries, and represents AV technology, last mile logistic and warehouse/logistics robotics, commercial space and drone (unmanned aircraft systems – UAS) industries. Additionally, Justine regularly advises state government agencies, universities, research centers and large commercial institutions with respect to the development and deployment of autonomous mobility technologies and the industry impacts of such technologies. Justine regularly participates in speaking engagements and leads workshops on legal and regulatory topics related to AV, UAS and commercial space, IoT data privacy and security matters, as well as robot-as-a-service (RaaS) and mobility-as-a-service (Maas) business models. She earned a Bachelor's degree from Yale University and her J.D. from Rutgers School of Law-Camden.

Brian Knighton, Senior Researcher, National Security Agency

Brian Knighton is a senior researcher at the National Security Agency. He conducts cybersecurity and vulnerability research on IoT devices (from smartphones to vehicle systems), is one of the developers of the Ghidra software reverse engineering (SRE) framework (released open source in 2019), and has spoken at the Black Hat security conference.

Ashleigh Krick, Attorney at Law, Babst Calland (akrick@babstcalland.com)

Ashleigh Krick is an attorney in Babst Calland's Washington DC office. As part of the Emerging Technologies and Transportation Safety practice groups, she supports the regulatory needs of clients in autonomous mobility industries, including connected and autonomous vehicles, last mile logistic and warehouse robotics, and unmanned aircraft systems. She advises vehicle manufacturers, start-ups, and technology companies on a wide variety of mobility, transport and safety matters, including matters before the National Highway Traffic Safety Administration and state Departments of Transportation. Her experience includes advising on regulatory interpretative matters, certification to and compliance with industry and regulatory standards, defects investigations, recall implementation, and rulemaking comment preparation. Additionally, she advises a wide-spectrum of clients on privacy and cyber security matters, including obligations under the General Data Protection Regulation, the California Consumer Privacy Act, and state data breach notification laws.

Corey Tsang, Technical Leader, National Security Agency

Corey Tsang is a technical leader at the National Security Agency with over 25 years of experience in assignments as tester, developer, program manager, field engineer, telecommunications SME, Technical Director, and Chief Operations Officer. He also spent a year as the NSA State Fellow embedded in the Maryland Department of Transportation supporting MDOT efforts on Connected and Automated Vehicles, Zero Emissions Electric Vehicle Infrastructure Council, cybersecurity, and environmental programs.

Lightning Round Updates - Select Companies That Filed Expression of Interest for Testing, Research and/or Implementation of CAV in MD

	Company Name	Contact	Email	Website
1	Kapsch TrafficCom USA Inc.	Steve Sprouffske National Practice Lead, Connected Vehicle Services, Mobile +1 760 525 5454	Steve.sprouffske@kapsch.net	www.kapsch.net
2	Connected Wise, LLC	Dr. Enes Karaaslan, CEO	enes@connected-wise.com	https://www.connected-wise.com/services/connected-automated-vehicles.html
3	Traffic Technology Services, Inc. (TTS)	Kiel Ova, Head of Government Affairs and Partnerships, C +1 (541) 908-5330	kiel.ova@traffictechservices.com	https://www.traffictechservices.com/supplier-overview.html
4	Crystal Clear Automation, LLC	Peter James, 240 938-8439	peter@ccaway.net	http://ccaway.net/media/webgl-tree/cs.html
5	Beep, Inc.	Robb Jenkins	robb.jenkins@go-beep.com	Beep (go-beep.com)
6	MAGIC	Graham Dodge, 323-864-6870	gdodge@magicinc.org	https://magicinc.org/projects/autonomous-corridor