

Technology Takes the Wheel

2018 BI-MONTHLY SEMINARS ON AUTONOMOUS VEHICLES

Presented by
The University of Toledo College of Engineering and AAA Northwest Ohio



COLLEGE OF ENGINEERING
THE UNIVERSITY OF TOLEDO



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Public Transportation and Autonomous Vehicles

Thursday, June 21, 2018
9–11 a.m.

Presented by
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Welcome and Overview

T. Michael Toole, PhD, PE, Dean, The University of Toledo College of Engineering

Introduction of Guest Speakers and Panelists

Lissa Guyton, Reporter, 13abc

Featured Speakers

Chris Pauly, Director of Business Development for North America, NAVYA

Lt. Col. (retired) John Tucker, Sales Specialist, Path Master Inc.

Jim Gee, General Manager, Toledo Area Regional Transit Authority (TARTA)

Panel Discussion

Moderator: **Lissa Guyton**

Dr. Eddie Chou, The University of Toledo College of Engineering

Jim Gee

Chris Pauly

Lt. Col. John Tucker

Closing Remarks

Edgar Avila, Executive Vice President, AAA NW Ohio

Continental breakfast served at 8:30 a.m. in adjacent Brady Center.

The next seminar in the **Technology Takes the Wheel** series will be Friday, Sept. 21, 2018 on the topic of Infrastructure and Autonomous Vehicles.

Jim Gee has been General Manager of TARTA since 2003. He began his career there in 1992 as an intern and previously served as Director of Planning. Mr. Gee graduated from The University of Toledo with bachelor's and master's degrees in transportation, planning and urban studies. He also was an adjunct professor and in 2012 was selected an outstanding alumnus in the former College of Languages, Literature and Social Sciences. Mr. Gee recently completed a three-year term as president of the Ohio Public Transit Association and is current president of the Ohio Public Transit Risk Pool. He also served on the American Public Transportation Association's Legislative Committee and sits on the boards of several nonprofit organizations, including the Toledo Metropolitan Area Council of Governments. He is a member of Toledo Rotary and was a "20 Under 40" award recipient in 2007.

Chris Pauly is Director of Business Development for North America at NAVYA, a manufacturer of fully autonomous, fully electric, 15-passenger shuttles and six-passenger taxis. Previously, Mr. Pauly was Business Development Manager at Underwriters Laboratories. He earned a BA at the University of Iowa, a JD at DePaul University College of Law and an MBA at Northwestern University's Kellogg School of Management.

Lt. Col. John Tucker joined Path Master Inc., a Twinsburg, Ohio traffic management company, in November 2017. As a Sales Specialist, he focuses on connected and autonomous vehicle technology and their integration with infrastructure to include vehicle-to-vehicle (V2V), vehicle-to-infrastructure (V2I), and vehicle-to-everything (V2X) connectivity. He is responsible for providing traffic management solutions to municipal, city, county and state organizations to enhance safety, improve mobility and reduce environmental impact. Prior to working at Path Master, Mr. Tucker served for nearly 21 years as a helicopter pilot in the U.S. Army. He earned a bachelor of science degree in aerospace engineering at the United States Military Academy West Point and a master's degree in military operational art and science from the U.S. Air Force's Air University.

Panelist

Dr. Eddie Chou is a Professor of Civil and Environmental Engineering at The University of Toledo and Director of its Transportation Systems Research Lab. He has more than 30 years of experience as a researcher in the transportation engineering field. At UT, Dr. Chou has conducted approximately \$7 million of externally funded research as a principal investigator of more than 40 research projects. His research has been funded by the U.S. Department of Transportation, Ohio Department of Transportation and other transportation agencies. He and his students have been published in top civil engineering journals, including those of the American Society of Civil Engineers and the Transportation Research Board. He earned a doctoral degree from Texas A&M University and is a registered professional engineer in Ohio.