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**Buffet Style Dinner Served**

## Mid-Michigan Section Dinner with Program

**Monday, May 11, 2020**

**6:00 PM Social Hour, 7:00 Dinner, 8:00 Program**

**Durant – Dort Factory One  
303 W Water St, Flint, MI 48503**

**Tickets Students \$20 Members and Guests \$30**

## ***Charging & Fueling the Next 100 Years***

Speaker: **Carla Bailo** **President and CEO, The Center for Automotive Research Ann Arbor, MI**

Carla Bailo is a leader in engineering and vehicle program management, with 35 years of experience in the automotive industry. As the Center for Automotive Research (CAR)



President and CEO, she leads the overall mission, manages day-to-day business, and is the face for the automotive industry in several venues. In her role prior to CAR, she was Ohio State University's Assistant Vice President for Mobility Research and Business Development. In this role, she accelerated the university's sustainable mobility and transportation innovation, while integrating related research and education across Ohio State's academic units. She also led Ohio State's involvement as the primary research partner for Smart Columbus, a \$140 million program to transform central Ohio into the nation's premier transportation innovation region. Bailo was the 2016-2018 Vice President of Automotive for SAE International. She has 35 years of experience in the automotive industry, including

25 years at Nissan. In her most recent role at Nissan, she served as Senior Vice President of Research and Development for Nissan North America Inc.

The presentation will address the changes in the Mobility Industry as vehicle manufacturers address new Smart Mobility Goals. These goals include Zero accidents, Zero carbon footprint, and Zero traveler stress. Discussed will be the paradigm shift from private vehicle ownerships to shared ownership. Currently there is Advanced Driver Assistance on all new vehicles which will transition into Autonomous shared vehicles.

The shift to electric vehicles will be analyzed. Because of range anxiety with battery powered vehicles the future of fuel cells will be presented. Internal Combustion Engines may be utilized until 2050 and the use of IC power in Autonomous vehicles will be reviewed.

The transition from IC powered "Dumb" vehicles to alternate energy "Smart" vehicles will be discussed as a trial and error development system to find "How good is good enough" using simulation software rather than building actual vehicles. A Q&A session will follow the presentation.

**Reservations required by Noon Friday, May 8, 2020**

Purchase Tickets online at: <http://www.midmichigansae.org/#buyticket>

Contact: Steve Davis at [Steve.Davis@midmichigansae.org](mailto:Steve.Davis@midmichigansae.org) or call (517)-295-2973 for reservations