

# RACING TO 54.5 MPG BY THE YEAR 2025

**TECHNICAL MEETING**  
**TUESDAY, MARCH 10, 2015**

**LA-Z-BOY CENTER MEYER THEATER (MCCC CAMPUS)**  
**1555 S. RAISINVILLE RD., MONROE**

## AGENDA

5:00 - 5:45 p.m. **Tour**  
5:30 - 6:30 p.m. **Social Hour**  
6:30 - 7:30 p.m. **Presentation**  
7:30 - 8:30 p.m. **Q&A/Wrap Up**

Social Hour sponsored by



## SPEAKERS

### John Alexander

Director of Powertrain Development  
Fiat Chrysler Automobiles

### Chris Hennessy

Vice President, Engineering  
IAV Automotive Engineering, Inc.

### Paul Nahra

Director Advanced Engineering  
Engine Group, BorgWarner Inc.

## Moderator

### Andrew Smart

Director, SAE International

*Speakers subject to change*

Fuel Economy is a major issue for the automotive industry. The government requirements for Corporate Fuel Economy (MPG) continue to rise each year, currently peaking at 54.5 MPG by the year 2025. All OEMs and suppliers are diligently working to meet the rising standards.

The Technical Meeting will include discussions on the "Physics of Fuel Economy" in vehicles and what current and new technologies are necessary to meet the 54.5 MPG requirement.

The following questions will be addressed:

- Where did the 54.5 MPG come from?
- What are the costs and benefits?
- Will the consumer be willing to pay the cost?
- Will the automotive industry be able to meet the 2025 MPG standard in time?

**PRICES:** **\$35** SAE Member  
**\$55** Non-member  
**\$30** SAE Retired Member  
**\$15** SAE Student Member

**IMPORTANT NOTE:** Registration will close Friday, March 6 at 4:00 p.m. There will be no onsite tickets sales and no refunds after March 3.

*Only non-alcoholic beverages will be served.*

**TOUR:** Come tour Monroe County Community College's new Career Technology Center and visit the labs with some of the latest equipment. The automotive lab has three dynamometer cells, an anechoic room, and servo-hydraulic system.

**Register online at**  
**[www.sae-detroit.org](http://www.sae-detroit.org)**



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