



Market Researcher Revs Up Diesel at SAE 2016 World Congress

Casey Selecman, The Martec Group, Inc., to speak about the impact of PEMS testing on future vehicle emissions regulations

SOUTHFIELD, MICH., USA, April 6, 2016 /EINPresswire.com/ -- Automotive technical experts will be gathering at the [SAE 2016 World Congress](#) in Detroit, April 12-14, 2016, to address current challenges and seek new paths for discovery within the automotive industry.

This year's theme, Powering Possibilities, represents the untapped routes to creating autonomous vehicles, improving vehicle emissions testing, manufacturing with 3D printing, using biomimicry for design and more.

Casey Selecman, Senior Project Manager for [The Martec Group, Inc.](#) – a technical market research firm based in Southfield, Mich. – was invited to speak about future vehicle emissions testing, regulations and technology.

Portable emissions measurement systems (PEMS) testing is a valuable tool for another level of emissions certification and compliance. For several years PEMS testing of light duty diesel (LDD) vehicles has shown, on occasion, large differences between certification testing and on-road PEMS testing. This panel, led off by Selecman along with Leslie Hill (Horiba, Ltd.), Joseph E. Kubsh (Manufacturers of Emission Controls Assoc.) and Charles E. Roberts (Southwest Research Institute), will discuss the impact of PEMS testing by governmental and other groups on future emissions regulations (e.g., RDE, NTE), powertrain technology and the overall vehicle market.

Selecman has worked in the automotive consultancy field for more than 15 years. Prior to joining Martec, Selecman was responsible for North American Powertrain Forecasting at CSM Worldwide (now IHS Automotive). In addition to his strategy and planning activity, he has co-authored several white papers to assist the automotive community in understanding key legislative activities and the impacts on business. These papers include the effect of real world driving on consumer decision making and supplier technology value, California's low carbon fuel regulation impact on electric vehicle infrastructure and EPA and NHTSA's rulemaking on GHG and fuel economy for light and heavy duty vehicles. Each assessment was designed to dispel common myths and create opportunities for OEMs and suppliers with favorable technology introductions.

"It's an honor to be selected as a panelist for this year's SAE Congress," Selecman states. "My focus will be on a regulatory view on US fuel economy testing and the real world offsets used for labeling, in-use fuels and their gaps with certification fuels, the increasing use of off cycle credits to hit EPA targets, and finishing up with a quick hit on the relative ease Europeans have in adopting new testing cycles and adjusting targets versus US rigid testing protocols and the difficulties (potentially) of implementing cycle changes for CAFE."

Selecman obtained his bachelor's degree in Mechanical Engineering from the University of Michigan in Ann Arbor, Michigan.

The Martec Group, Inc. is comprised of market research and consulting professionals with a mission to be the best-in-class provider of strategic market-based research and consulting services, facilitating clients' success in global markets.

SAE International is a global association committed to being the ultimate knowledge source for the mobility engineering profession.

The "Technical Expert Panel Discussion: What Will Be the Impact of PEMS Testing on Future Vehicle Emissions Regulations, Market, and Technology?" will take place Wednesday, April 13, at 4:00 p.m. in Room 360.

Organizer: Galen B. Fisher, University of Michigan

Moderator: Timothy Johnson, Corning Inc.

Panelists:

Leslie Hill, Horiba, Ltd.

Joseph E. Kubsh, Manufacturers of Emission Controls Assoc.

Charles E. Roberts, Southwest Research Institute

Casey Selecman, Martec Group

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