

## **Advanced Driver Assistance Systems the Focus of New SAE International Webcast**

*A new, free webinar presentation from SAE International will examine advanced driver assistance systems (ADASs) and the role that vehicle dynamics play in their development.*

WARRENDALE, Pa. ([PRWEB](#)) November 23, 2015 -- A new, free webinar presentation from [SAE International](#) will examine advanced driver assistance systems (ADASs) and the role that vehicle dynamics play in their development.

Part of the Technical Webinar Series from the Editors of SAE International, “[Advanced Driver Assistance Systems](#),” will be held Thursday, Dec. 10 at 12 p.m. U.S. EST. The webinar is sponsored by dSPACE, Key Safety Systems, Synopsys, Mechanical Simulation and TRW.

ADASs enhance vehicle systems for safety by helping a driver avoid collisions through new technology implementations. In some cases, the systems take over control of the vehicle. ADASs can help automate lighting, provide adaptive cruise control, automate braking, incorporate GPS and traffic warnings, connect to smartphones, alert drivers to other cars or dangers, keep drivers in the correct lane, and show what is in blind spots.

ADAS technology can be based on vision/camera systems, sensor technology, car data networks, and vehicle-to-vehicle (V2V) or vehicle-to-infrastructure systems. Next-generation ADASs will increasingly leverage wireless network connectivity to offer improved value by using car-to-car and car-to-infrastructure data and could lead to partial or full automation of the driving experience. To ensure functional safety and correct system behavior, testing ADASs is an essential stage in the development process at OEMs and Tier 1 suppliers. Due to the diversity of traffic scenarios and environmental conditions, testing on real roads only is not possible any longer. Validation by means of simulation and virtual test drives thus becomes more important.

During the webinar, the expert panel of speakers will discuss ADAS advancements, the pivotal role of vehicle dynamics in ADAS development, and how ADAS testing is being done using simulation. Audience members will be able to ask questions during the Q&A.

Speakers will include:

- Jeremy Carlson, Senior Analyst, Autonomous Driving, IHS Automotive
- André Rolfmeier, Lead Product Manager, Advanced Applications and Technologies, dSPACE GmbH
- Michael W. Sayers, CEO and Chief Technology Officer, Mechanical Simulation
- Andrew Whydell, Director, Product Planning, Global Electronics, ZF TRW Automotive

To register for the webinar: “Advanced Driver Assistance Systems,” visit

<https://event.webcasts.com/starthere.jsp?ei=1082576>.

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**Contact Information**

**Shawn Andreassi**

SAE International

<http://www.sae.org>

+1 (724) 772-8522

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