

## **SAE 2016 Convergence Offers Professional Development Seminars on Automotive Wireless Communications and Autonomous Positioning Systems**

*SAE 2016 Convergence offers attendees the opportunity to participate in professional development seminars during their show September 19-21, 2016. Taking place on September 21, attendees can participate in Wireless Communications in the Autonomous Connected Vehicle or Autonomous Vehicle Positioning Systems.*

([PRWEB](#)) August 11, 2016 -- [SAE 2016 Convergence](#) offers attendees the opportunity to participate in professional development seminars during their show September 19-21, 2016. Taking place on September 21, attendees can participate in Wireless Communications in the Autonomous Connected Vehicle or Autonomous Vehicle Positioning Systems.

The seminars include:

### Wireless Communications in the Autonomous Connected Vehicle

Wireless communication is a key enabler for vehicle connectivity. This seminar provides participants with an engineering overview of the various technologies that comprise a wireless communication system as it relates to automotive and commercial vehicle applications. It is intended to develop the skill set necessary for an educated understanding of the challenges and opportunities related to Connected Vehicles and connected applications. By attending this seminar from 8:30 am – 4:30 pm, seminar participants will be able to describe the technical challenges relating to wireless communications, identify and compare the different components of a wireless communication system, develop a first-hand experience on connected vehicles through V2V and V2I demonstrations, identify the key automotive/commercial vehicle wireless communications forums dealing with standardization/regulation and business opportunities and recognize the role, both current and future, connected vehicle technologies will play in our collective future. This course is offered for an additional fee and provides participants .7 CEUs. For more information or to register, click [here](#).

### Autonomous Vehicle Positioning Systems

This seminar addresses vehicle positioning and navigation systems. The first part of the seminar provides an overview of the Global Positioning System (GPS) since it is the main location technology enabler for automotive location-based applications. The second part will discuss GPS modes of positioning and the third will feature GPS integration into vehicles and with other sensors. By attending this seminar from 8:30 am – 4:30 pm, attendees will be able to specify the performance of GPS receivers and navigation systems, evaluate the performance of GPS receivers and navigation systems, integrate the GPS with other sensors via a Kalman filter to improve navigation availability, and select the appropriate implementation of a vehicle navigation system based on your application requirements. This course is available for an additional fee and offers .7 CEU credits. For more information or to register, please click <http://training.sae.org/seminars/c1026/> [here \_\_title\_\_ ].

Those coming to the seminars should arrive early to the Suburban Collection Showplace to participate in SAE 2016 Convergence. [Secure your attendance at the event](#) that brings together leaders from across the globe to address the impact of technology insertion and the issues critical to mobility electronics implementation.



SAE International is a global association committed to being the ultimate knowledge source for the engineering profession. By uniting more than 127,000 engineers and technical experts, we drive knowledge and expertise across a broad spectrum of industries. We act on two priorities: encouraging a lifetime of learning for mobility engineering professionals and setting the standards for industry engineering. We strive for a better world through the work of our philanthropic SAE Foundation, including programs like A World in Motion® and the Collegiate Design Series™.

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**Online Web 2.0 Version**

You can read the online version of this press release [here](#).