

WASHINGTON, Sept. 11, 2013 /PRNewswire-USNewswire/ -- Vehicles are communicating with one another and the outside world more and more. Advances will be highlighted at the IEEE International Conference on Connected Vehicles and Expo. <http://www.iccve.org/>

Set for 2-6 December at the Rio All-Suites Hotel & Casino in Las Vegas, ICCVE will gather global experts, practitioners and policymakers to present the latest innovations and findings on connected vehicles, share their insights, discuss economic, policy and social implications, and forecast trends and opportunities.

Lee Stogner, chair of the IEEE Transportation Electrification Initiative (<http://electricvehicle.iese.org/>), said connected vehicle technologies cross multiple disciplines and industries.

"It includes automotive, travel and transportation, information technology, communications, consumer electronics, industrial electronics, media, entertainment and insurance, as well as energy and utilities," Stogner said. "At the conference, we will discuss cars, trucks, heavy equipment, trains, ships, airplanes and more."

The conference program will feature technical paper sessions, workshops, summits, industry forums, demos, exhibits, tutorials and tours. Topics of interest include, but are not limited to:

- Wireless Communications & Vehicular Networking
- Mobile Internet, Mobility Internet & Internet of Things
- Cooperative Driving, Intelligent & Autonomous Vehicles
- Automotive Electronics and Automatic Control
- Manufacturing & Product Safety Engineering in Connected Vehicles
- Practices, Recommendations & Standards in Connected Vehicles
- Electric Vehicles & Transportation Electrification
- Geographic, Spatial & Social Information Systems

Connected vehicles use wireless modems and sensors to connect and communicate with, among other things, road infrastructure and systems, the cloud and other vehicles. Current technologies include speed-control accident avoidance, automated parallel parking and lane drifting correction. Future capabilities include autonomous self-driving vehicles.

"By connecting vehicles with various devices, services and participants, we are able to make our mobility more clean, efficient, enjoyable and safe," Stogner said.

If you have a technical paper you would like to present at ICCVE, you have until 23 September to submit your proposal. See <http://www.iccve.org/> for more information.

ICCVE is cosponsored by more than 20 societies and organizations, including IEEE-USA. The first ICCVE was staged in Beijing in December 2012. Exhibitors are welcome.

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