



NEWS RELEASE

## Visteon experts share technical insights, earn kudos at SID's symposium in Michigan

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Just as displays in vehicle cockpits keep getting bigger, the annual Society for Information Display (SID) technical symposium in southeastern Michigan (U.S.) continues to grow. The 24<sup>th</sup> annual Symposium on Vehicle Displays and Expo on Sept. 26-27 in Livonia, Michigan, set records with nine sponsors, 66 exhibitors and more than 400 attendees – including engineers, scientists, researchers and other industry professionals.

Visteon presented two technical papers and showcased several displays at the event, which was sponsored by the Detroit Chapter of SID. One of Visteon's papers, written by Abhilash Marthi Somashankar and Paul Weindorf, was named the best paper of the symposium by the session leaders.

The symposium addressed the latest trends in display-related technology as well as the impact of multi-modal devices on the shift toward autonomous driving.

The two technical papers presented by Visteon related to readability and image clarity of displays in different scenarios.

The paper that earned top honors, titled "HMI Display Readability During Sinusoidal Vibration," was written by Abhilash Marthi Somashankar and Paul Weindorf, along with former Visteon employees James Krier and Wayne Nowicki. Presented by Somashankar, the paper addressed how vibration can affect the readability of displays, especially those located in non-traditional locations such as the A/B pillars or door panels. "Not all locations of the cockpit can be dynamically stable," Somashankar said. Effects of vibration can be minimized, he said, by increasing the stiffness of the module and by using metal attachments or other approaches.



The second Visteon paper, titled "Anti-Sparkle Film Distinctness of Image Characterization," was written by Hayden and Weindorf, and presented by Hayden. It discussed how a new clear adhesive designed to reduce distracting sparkle in displays can impact image clarity.

During the expo portion of the event, Visteon displayed two high-resolution 12.3-inch reconfigurable instrument clusters, one with resolution of 1920x720 pixels and the other 280x1080. Also shown was the Prism display, which uses two 12.3-inch TFT displays with a semi-reflective "blade" between them. Geared for premium vehicle applications, the Prism display creates a 3-D image to give the appearance of drawing certain information closer to the driver.