CALL FOR PAPERS FOR VIRTUAL ONLINE EVENT
27th Annual Symposium on Vehicle Displays & Interfaces 2020
October 14-15, 2020
www.VehicleDisplay.org

Calling all innovators in the International Vehicle Displays & Interfaces Community:

In the age of Covid-19, electronic vehicle displays continue their rapid development and advancement across the globe. So, mark your calendars for **October 14-15, 2020**, submit your most current technical abstracts by **Friday July 3, 2020,** and share your knowledge.

The Detroit Chapter of the Society for Information Display (SID) is pleased to announce that the 27th Annual Symposium on Vehicle Displays & Interfaces will be the first ever two-day international virtual online event designed to showcase your latest electronic display advancements, developments and breakthroughs.

The first Vehicle Displays 2020 virtual event will encompass all the knowledge sharing features and benefits you've come to know - like visionary presentations, discussion panels and networking, as well as an exhibit hall filled with market-leading suppliers. You will receive all participation details in the coming weeks. In the meantime, please continue development of your abstract for submission by **Friday July 3, 2020.**

Recognizing the continuing economic potential of the vehicle display industry and its related fields in the 4th Industrial Revolution, the 27th annual technical symposium will support your continued display and interface development, training, and manufacturing by bringing together leading scientists, engineers, researchers, and business professionals from the display technology, photonics, vehicle systems, academic, and OEM communities. In addition to display-related technologies in the fields of Electronic Engineering; Physics; Applied Physics; Optics, Process, and Manufacturing Engineering; Automotive Human Factors; Automotive Displays; Human Machine Interface (HMI); Form Factors; and other related disciplines, the symposium addresses the 2020-decade impact of multi-modal devices as mobility evolves and diverges toward electric vehicles (EVs) and autonomous vehicles (AVs).

Contributed papers are solicited in the following areas:

- **Automotive market**
    - Usage of and trends in automotive displays and interfaces and applications
    - Customer acceptance of and feedback on different display and interface technologies
    - Regulation and trends related to in-vehicle interactions
- **Display, lighting, and system tech. applicable to vehicular applications or other devices for lighting, signaling, etc.**
    - Display technologies and components (LCD, OLED, LEDs, MEMS, RGB lasers, ICs, etc.)
    - Optical components (illuminators, coatings, films, polarizers, lenses, prisms, etc.)
    - LED, OLED, or other devices for lighting, signaling, etc.
- **Digital video systems** such as electronic mirrors or camera monitor systems
- **Human machine interface (HMI) and system solutions to improve driver performance and user experience**
    - Display system legibility, visual performance, driver distraction, etc.
    - Touchscreen, haptic, and acoustic technologies to improve user response
    - Driver/user interfaces (devices, human factors, etc.)
    - HMI tools and methods (software development) and metrology for multi-modal (MM) HMI
    - Head-up displays, augmented reality, night-vision systems and components
    - Driver-assist features (navigation, ADAS, collision warning, etc.) toward autonomous drive
    - Infotainment and projection displays
    - Tools and techniques for measuring HMI efficacy
- **Application issues with vehicular display systems, lighting, touch, and HMI**
    - Optical, mechanical, electrical, and thermal performance
    - Modeling and simulation
    - Metrology and testing
    - Electrical interfaces (ICs, connectors, power management, video communication, etc.)
- **Advanced technologies for displays, touchscreens, sensors, and processors.**
    - Sunlight readable, curved, flexible, low-power, ultra-high-contrast displays and touch technologies
    - Flexible and color e-Paper technologies (low power, sunlight readable)
    - Metal oxides and organic semiconductor-based flexible electronics
    - Nanomaterials and nanotechnology
    - Touch input devices
    - Photovoltaic devices
    - Electronic mirrors
- **A Best Paper Award will be based on the best submitted digest paper**

All interested authors are invited to submit abstracts for presentations, particularly in the areas noted above. The deadline for abstracts is July 3, 2020. Authors will be notified in late July 2020. Authors of accepted papers are expected to submit a complete paper for inclusion in the Conference Digest that will be distributed to all attendees at the Symposium. The deadline for receipt of

papers is August 17, 2020. Authors are expected to create recorded presentations, and will receive instructions for creating and presenting the presentations later this summer.

CLICK HERE TO SUBMIT A ONE-PAGE ABSTRACT

For questions, please contact: Samantha Tola (212) 460-8090 ext. 203, stola@pcm411.com

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