SOCIETY FOR INFORMATION DISPLAY

FINAL CALL FOR PAPERS

23rd Annual Symposium on Vehicle Displays: Vehicle Displays & Interfaces 2016

September 27-28, 2016, Burton Manor Conference Center, Livonia, MI

The Detroit Chapter of the Society for Information Display sponsors this technical symposium to bring together scientists and engineers from vehicle systems communities and display technology, photonics, sensors and system HMI. Keynote talks are being planned by Ford Motor Company and Continental Corporation. This year's Panel Discussion topic will be "Automotive Display & HMI evolution toward Autonomous System".

Contributed papers are solicited in the following areas:

- **Automotive market**
  - Usage of and trends in automotive displays & interfaces and applications
  - Customer acceptance 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 devicing for lighting, signaling, etc.
- **Human machine interface (HMI) and system solutions to reduce user's task time and system power**
  - Display system legibility (such as Electronic Mirrors), visual performance, driver distraction, etc.
  - Touch screen, haptic and acoustic technologies to improve user's response
  - Driver/User interfaces (devices, human factors, etc.)
  - HMI tools and methods (software development) and metrology for MM (Multi Modal) 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 displays, lighting, 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 semiconductors based flexible electronics
  - Nano-materials and nanotechnology
  - Touch input devices
  - Photovoltaic devices

- **NEW: Poster session on HMI technology & applications focused on student/university work**

All interested authors are invited to submit extended abstracts for presentations, particularly in the areas noted above. The deadline for abstracts is July 1, 2016. Authors will be notified by July 8, 2016. 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 19, 2016. Authors are expected to present at the symposium.

PLEASE SUBMIT A ONE-PAGE ABSTRACT TO:
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