

THURSDAY, OCTOBER 11

7:30 am - 8:30 am **REGISTRATION AND REFRESHMENTS**
 8:30 am - 8:45 am **Welcoming Remarks** - Mark Larry, Symposium Chair, *Ford Motor Company, Dearborn, MI*
 8:45 am - 9:30 am **Keynote Address** - Ben DiCicco, Senior Manager, *Daimler Chrysler Automotive, Auburn Hills, MI*
 9:00 am - 5:00 pm **TABLETOP EXHIBITS OPEN**

SESSION 1: AUTOMOTIVE MARKET (9:30 am - 11:00 am)

Co-Chairs: **R. Donofrio** - *Display Device Consultants, Ann Arbor, MI*; **B. Dehmloew** - *Yazaki North America, Canton, MI*

9:30 am - 10:00 am **INVITED ADDRESS - Emerging Displays for Driver Safety: HUD and Touch Screen Navigation Devices**
J. Colegrove - iSuppli Corp., Santa Clara, CA
 10:00 am - 10:30 am **INVITED ADDRESS - Status of Automotive Displays in 2007**
D. Maunu - DisplaySearch, Austin, TX
 10:30 am - 11:00 am **INVITED ADDRESS - History, Performance and Trends in VFDP**
S. Pala - Denso International America, Southfield, MI
 11:00 am - 11:20 am **Refreshment Break (Tabletop Area)**

SESSION 2: AUTOMOTIVE ENHANCEMENTS (11:20 am - 12:40 pm)

Co-Chairs: **J. Troxell** - *Delphi, Shelby Township, MI*; **S. Pala** - *Denso International America, Southfield, MI*

11:20 am - 11:40 am **Dual View LTPS-TFT Display Technology**
H.K. Louwsma - TPO Displays Europe B.V., The Netherlands
T. Araki, A. Lin, A. Lin and YJ Chang - TPO Displays Corp., Taiwan
K. Nasu - TPO Displays Japan K.K., Japan
 11:40 am - 12:00 pm **Development of Highly-Durable White OLED for Automobile Applications**
M. Minagawa and Y. Shimotori - Nippon Seiki Co. Ltd., Japan
 12:00 pm - 12:20 pm **Laterally Emitting Thin Film Electroluminescent Device Engineering for Sunlight Readable Vehicular Displays**
W.M. Cranton, D. Koutsogeorgis and R. Ranson - Nottingham Trent University, UK
R. Stevens - Central Microstructure Facility, STFC, UK
A. Needham - Ultra Electronics Ltd., UK
M. Thorne - Extec Integrated Systems Ltd., UK
A. Magon - Qudos Ltd., UK
 12:20 pm - 12:40 pm **OCB-LCDs With New Driving Method Having Fast Response at Very Low Temperature for Vehicles**
H. Maeda, M. Blashe and S. Vrablik - Toshiba America Electronics Components, Inc., Buffalo Grove, IL
K. Nakao - Toshiba Matsushita Display Technology Co. Ltd., Ishikawa, Japan
 12:40 pm - 2:20 pm **LUNCH**

SESSION 3: COMPONENT NEW DEVELOPMENT (2:20 pm - 4:00 pm)

Co-Chairs: **J. Kanicki**, *University of Michigan, Ann Arbor, MI*; **K. Peiler** - *OSRAM, Canton, MI*

2:20 pm - 2:40 pm **LED Backlighting Solutions for Automotive TFTs**
K. Peiler - OSRAM, Canton, MI
 2:40 pm - 3:00 pm **Novel Pixel Electrode Circuits and a-Si:H TFT Structures for AMOLEDs**
H. Lee and J. Kanicki - University of Michigan, Ann Arbor, MI
JS Yoo, CD Kim and I. Kang - LG Philips LCD, Korea
 3:00 pm - 3:20 pm **Thermal and Electrical Instability of Amorphous Silicon Transistor for AM-FPDs**
A. Kuo and J. Kanicki - University of Michigan, Ann Arbor, MI
 3:20 pm - 3:40 pm **Low Temperature Encapsulation for OLEDs**
A.R. Johnson and J. Kanicki - University of Michigan, Ann Arbor, MI
 3:40 pm - 4:00 pm **Display Performance Evaluation of Spindt-FED for Automotive Applications**
J. Hatfield - Futaba, Plymouth, MI
 4:00 pm - 4:30 pm **Refreshment Break (Tabletop Area)**
 4:30 pm - 5:30 pm **TUTORIAL - Effects of Veiling Glare on the Visibility of Automotive Displays**
V. Bhise - University of Michigan, Dearborn, MI
 5:30 pm - 6:45 pm **Tour of University of Michigan-Dearborn Automotive Ergonomics Lab**

FRIDAY, OCTOBER 12

8:00 am - 9:00 am **REGISTRATION AND REFRESHMENTS**
 8:00 am - 1:00 pm **TABLETOP EXHIBITS OPEN**

SESSION 4: SYSTEMS/APPLICATIONS (8:50 am - 9:50 am)

Co-Chairs: **V. Birman** - *Siemens VDO Automotive, Auburn Hills, MI*; **R. Donofrio** - *Display Device Consultants, Ann Arbor, MI*

8:50 am - 9:10 am **New Optical Film for Resistive Touch Panels**
M. Yoshizawa, H. Sato, Y. Ishii and K. Sasaki - GUNZE Ltd., Japan
 9:10 am - 9:30 am **Utilizing the Color in Driver's Information Delivery**
I. Pospelov, V. Birman and B. Manole - Siemens VDO Automotive, Auburn Hills, MI
 9:30 am - 9:50 am **Color Holographic Laser Projection Technology for Heads-Up and Instrument Cluster Displays**
E. Buckley - Light Blue Optics Ltd., Cambridge, UK
 9:50 am - 10:20 am **Refreshment Break (Tabletop Area)**

SESSION 5: HUMAN FACTORS/METROLOGY (10:20 am - 12:20 pm)

Co-Chairs: **V. Bhise** - *University of Michigan, Dearborn, MI*; **J. Troxell** - *Delphi, Shelby Township, MI*

10:20 am - 10:40 am **New CAD-Integrated Technologizing for Optimizing Perception of Visual Information in a Vehicle**
M. Massabki - OPTIS North America
 10:40 am - 11:00 am **Brightness Evaluation of LED Mesopic Luminaires under Dynamic Background Light Changes**
R. Donofrio - Display Device Consultants, Ann Arbor, MI
 11:00 am - 11:20 am **A Spectrally Tunable Imaging Radiometer Technique for Automotive Display Measurements**
T. Moggridge - Lumetrix Corp., Ottawa, Canada
 11:20 am - 11:40 am **Analysis of Actual Tolerances of Luminance and Color Coordinates in LED Illuminated Instrument Clusters**
W. Eckardt, V. Birman and I. Pospelov - Siemens VDO Automotive, Auburn Hills, MI
 11:40 am - 12:00 pm **Vision-Based Driver Monitoring: Distraction, Drowsiness and Driving?**
D. Harbach, R. Dufour, D. Bakowski, N. Edenborough, R. Hammoud, P. Malawey, T. Newman, R. Prieto, S. Skiver, M. Smith, R. Sovacool, A. Wilhelm, G. Witt and E. Yoder - Delphi Electronics, Kokomo, IN
 12:00 pm - 12:20 pm **HMI Interface to the User Touchscreen**
M. Blicher - Immersion Corp., Clarkston, MI
 12:20 pm - 1:30 pm **LUNCH (Pizza and drinks)**

SESSION 6: SAE/DISPLAY INTERFACE (1:30 pm - 2:45 pm)

Chair: **S. Pala** - *Denso International America, Southfield, MI*

1:30 pm - 2:30 pm **GVIIF Proposal for SAE Standards (Public Forum-Proposal Review)**
 2:30 pm - 2:45 pm **ISO Updates on 15008**

Organizing Committee

Mr. Ben P. DiCicco
(Chrysler) - General Chair

Mr. Mark Larry
(Ford) - General Chair

Mr. Silviu Pala
(DENSO) - Program Chair

Mr. Robert Donofrio
(Display Consultants) - Program Chair

Dr. Vivek Bhise
(U of Michigan)

Dr. Vyacheslav Birman
(Siemens)

Mr. Brian Dehmloew
(Yazaki)

Dr. Darrel Hopper
(U.S.A.F Lab)

Dr. Jerzy Kanicki
(U of Michigan)

Mr. Stefan Lenz
(Optrex)

Ms. Kimberly Pregitzer
(Osram)

Dr. John Troxell
(Delphi)

Mr. Nick Vergith
(General Dynamics)

Tabletop Exhibitors (as of 9/24/07):

3M
 Immersion
 Konica Minolta
 Lumetrix
 Luminit
 Noritake
 Osram Opto Semiconductors
 SMK Electronics
 Siemens VDO

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