MONDAY, October 13, 2003

12:00 – 5:00 pm  REGISTRATION

2:00 – 5:00 pm  TABLETOP EXHIBITS OPEN

1:30 – 1:45 pm  Welcoming Remarks –Silviu Pala,
Denso International America, Southfield, MI

1:45 – 2:15 pm  Keynote Address: Design Perspective on Vehicular Displays
Scott Griesmann, Daimler Chrysler America

2:15 – 3:15 pm  Human Factors Seminar
Visual Human Factors and their Impact on Legibility
Vivek Bhise, University of Michigan

3:15 – 3:45 pm  Refreshment Break (Tabletop Area)

SESSION 1: HUMAN FACTORS (3:45 – 5:20 pm)

Chair: R. Donofrio, Display Device Consultants, LLC, Ann Arbor, MI

3:45 – 4:05 pm  Ambient Light Sensing and Safety for In-Vehicle Displays
1.1 G. Lee, Texas Advanced Optoelectronic Solutions, Plano, TX

4:05 – 4:25 pm  Development of New Physics-Based Virtual Prototyping Software
1.2 for Simulation and Analysis of Visual Ergonomics in Cars
J. Delacour, L. Fournier, L. Wharmby, and E. Humbert, OPTIS, France
J-F. Legay, Nemoptic, France
J-P. Menu, IMNSSA, France

4:25 – 4:45 pm  Improved Depth Perception for Night Vision Using Patented
1.3 Single Lens Mono-to-Stereo Conversion Algorithms
A. Shulman, For3D™ Inc., Mill Valley, CA
J. Merritt, The Merritt Group, Williamsburg, MA
D. R Snyder, Crestview, FL
4:45 – 5:05 pm  **Re-Configurable Clusters**  
1.4 
M. Moell, J. Jablonski, and M. Nazrulla, Siemens VDO, Auburn Hills, MI

5:05 – 5:20 pm  Session 1 Authors Questions and Answers

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**TUESDAY, October 14, 2003**

7:30 am – 5:00 pm  **REGISTRATION**

8:00 am – 5:00 pm  **TABLETOP EXHIBITS OPEN**

8:30 – 8:40 am  Introductory Remarks – Robert Donofrio,  
*Display Device Consultants, LLC, Ann Arbor, MI*

8:40 – 9:10 am  **INVITED ADDRESS: Status of Automotive Displays in 2003**  
B. Young, *DisplaySearch, Austin, TX*

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**SESSION 2: SYSTEMS AND APPLICATIONS (9:10 am – 10:45 am)**

Chair: Dr. J. Troxell, *Delphi Delco Electronics Systems, Shelby Township, MI*

9:10 – 9:30 am  **Flat Panel Color Cluster**  
2.1  
V. Birman and P. Birman, Siemens VDO Automotive

2.2  
K. Kalantar and K. Shimabukurol, Nippon Leiz, Japan  
Y. Martynov, Lumileds Lighting Corporation

9:50 – 10:10 am  **Wearable and Portable Military Displays**  
2.3  
D. D. Desjardins and D. G. Hopper, AFRL, Wright Patterson AFB, OH

10:10 – 10:30 am  **Touch Panels in the Automotive Environment**  
2.4  
B. DeVisser, Fujitsu Components America, Inc., Sunnyvale, CA

10:30 – 10:45 am  Session 2 Authors Questions and Answers

10:45 – 11:00 am  **Refreshment Break (Tabletop Area)**

11:00 am – 12:00 pm  EL Seminar – Adrian Kitai,  
*McMaster University, Hamilton, Ontario, Canada*

12:00 – 2:00 pm  **LUNCH ON OWN**
SESSION 3: TECHNOLOGY DEVELOPMENTS (2:00 pm – 3:35 pm)

Chair: Mr. M. Larry, Ford Motor Corp., Dearborn, MI

2:00 – 2:20 pm

3.1 A New Horizon of OLED Display Technology for Automotive Applications
Y. Hirai and T. Nakazawa, Optrex Corp.
M. Kunigita, Asahi Glass Co., Ltd.

2:20 – 2:40 pm

3.2 Performance Characteristics of Black Dielectric EL Displays for Broad Vehicular Usage
J. Heikenfeld and A. J. Steckl, Extreme Photonix LLC, Cincinnati, OH

2:40 – 3:00 pm

3.3 System Interfaces for Displays
D. G. Hopper and F. M. Meyer, AFRL, Wright Patterson AFB, OH

3:00 – 3:20 pm

3.4 7-inch and 3.5-inch Active Matrix TFT Displays With Mercury Free Backlight
S.L. Tan, N. Loukianova, G. Binasch, J. Chen, LT D. Chan, and S. Ma,
Philips Mobile Display Systems

3:20 – 3:40 pm

3.5 2D/3D Electronically Switchable Displays
J. Mather, R. Winlow, A. Jacobs, G. Jones, D. Montgomery, M. Willis,
L. Hill, M. Tillin, M. Khazova and G. Bourhill, Sharp Laboratories of Europe, UK
A. Imai, T. Matsumoto, Y. Koyama and T. Takatani, Sharp Corporation, Japan

3:40 – 3:55 pm Session 3 Authors Questions and Answers

3:55 – 4:10 pm Refreshment Break (Tabletop Area)

4:10 – 5:45 pm Panel Discussion – SID-SAE-ITS Panel Discussion on the FPD Manufacturers Response to VFPD Standardization
Moderator: S. Pala, Denso International America, Southfield, MI

Participants: Automotive OEM – Tier 1 and FPD Leaders