

[Welcome](#)[Committee & Sponsors](#)[Table of Contents](#)
[Author Index](#)[Search](#)[Go to Session](#)[Posters](#)[Panel](#)[Bio of Panelists](#)

2

Preface

SESSION 1

1.1: Overview of Light Beam Scanning Technology for Automotive Projection Displays

T. M. Lippert, V. Andron, T. E. Sanko, Microvision Inc.

1.2: EL and OLED for Automotive Applications

T. Kaneko, DENSO Corporation

1.3: Low-Cost Display Technology Utilizing Thick Dielectric Electroluminescent (TDEL) Devices on Glass Substrates

J. Heikenfeld, A. J. Steckl, Extreme Photonix LLC

1.4: MEMs Based Reflective Display for Automotive Applications

M. W. Miles, Iridigm Display Corporation

1.5: Development of 7-inch FED with CNT Cathode

C. H. Chang, H. R. Seon, K. H. Noh, D. S. Chang, B. K. Seok, S. B. Hong, J. M. Kim, Samsung SDI Co., Ltd.

1.6: Development of High-Definition VFD Anode Pattern using Watersoluble UV Curable Resin

S.-H. Ha, C.-H. Chang, S.-Y. Nam, S.-H. Cho, Samsung SDI

1.7: CCFL Inverters in Vehicular Environments

S. C. Soos, Applied Concepts Inc.

1.8: AMLCD LED Backlighting for Automotive Displays

P. Weindorf, Visteon Corporation

POSTER SESSION

[Return to Top](#)

P-1: Improvement of Luminous Efficiency of Low-Voltage Cathodoluminescent Phosphors

S.-K. Park, Samsung SDI Co.

P-2: 3D Autostereoscopic Display and Projections are the Important Pillars of Knowledge-Based Automobile Industries

M. Kifleyesus-Matschie, EuroContact

P-3: A Study of Reflectance and Contrast Ratio

S. Robinson, A. Abileah, Planar Systems

P-4: The Effects of Digital Dimming, Over/Under Drive, and High Current Crest Factor on CCFL Operation

G. Henry, LinFinity Division of Microsemi, Inc.

PANEL: History and Status of Organic Light Emitting Device (OLED) Technology for Vehicular Applications

J. K. Mahon, Universal Display Corporation

Bios of Panelists

SESSION 2

[Return to Top](#)

2.1: Optimizing Displays for the Automotive Environment

B. Dennis, 3M Optical Systems Division

2.2: Automotive CCFL Backlight Life Prediction and Test Results for AMLCDs

G. Milne, P. Weindorf, D. Anderson, Visteon Co.

2.3: Automotive Information Display Enhanced by New Addressing Scheme, AMLA

K. Kawaguchi, Optrex Corp.; A. Nakazawa, Asahi Glass Co., Ltd.; Y. Hirai, M. Ohgawara, H. Araki, Optrex Corp.

2.4: Color HUD for Automotive Applications

M. Moell, VDO North America LLC

2.5: Field Emission Electro-Luminescence on Diamond and Carbon Nanotube Films

U. Kim, D. M. Aslam, Michigan State University

2.6: Problems of Creation of an Intellectual Control System of the Adaptive Vehicle Display

I. I. Litvak, I. Yu. Morozov, K. A. Bogachov, D. V. Feldman, Moscow State Institute of Electronics and Mathematics (Technical University)

2.7: Design Requirements for Automotive Entertainment Displays

R. Smith-Gillespie, B. Pierce, O. Way, Rosen Products LLC

2.8: Interconnection of Contrast and Illumination on Reflective Displays

J. Laur, J. Neumeier, autronic-Melchers GmbH

Vehicular Display Metrology Seminar

E. F. Kelley, National Institute of Standards and Technology