Flat Panel Display Strategic Forum and Technical Symposium "Globalization of the Display Industry" September 22 & 23, 1997

| 7:00-8:00 | Registration and Continental Breakfast | | |
|---|--|---|--|
| 8:00-8:05 | Welcome and Introduction: | Samuel Musa, Executive Director, Center for Display Technology and Manufacturing | |
| 8:05-8:10 | Opening Remarks: | Stephen Director, Dean, University of Michigan, College of Engineering | |
| 8:10-8:40 | Keynote Address: | Doug Rothwell, CEO, Michigan Jobs Commission | |
| SESSION I: Next Generation Display Manufacturing: Challenges and Opportunities Session Chair: Samuel Musa | | | |
| 8:40-9:10 | Ross Young, President, | | |
| 9:10-9:40 | Hideaki Kawakami, Senior Chief Engineer, Hitachi | | |
| 9:40-10:10 | Hiroshi Hayama, Research Manager, NEC Corporation | | |
| 10:10-10:30 | Break | | |
| 10:30-11:00 | Todd Yuzuriha, Director of LCD Technology R&D, | | |
| | Sharp Microelectronics Technology, Inc. | | |
| 11:00-11:30 | Donggil Kim, Vice President, Frontec, Inc. | | |
| 11:30-1:00 | Lunch | | |
| CECCION II II C D' la I la Manufactura and Infractivations | | | |
| SESSION II: U.S. Display Industry: Manufacturing and Infrastructure Session Chair: Rex Tapp | | | |
| 1:00-1:30 | Michael Ciesinski, Chief Executive Officer, United State Display Consortium | | |
| 1.00-1.50 | Manufacturing | | |
| 1:30-2:00 | Thomas L. Credelle, Director, Product Marketing, Flat Panel Display Division, Motorola | | |
| 2:00-2:30 | Steven Depp, Director, Subsystem Technologies and Applications Lab, IBM | | |
| 2:30-2:50 | Break | | |
| | Infrastructure | | |
| 2:50-3:20 | Norman L. Turner, Vice President, Product Operation, Applied Komatsu Technology | | |
| 3:20-3:50 | Peter Bocko, Manager, Applications, Development, Advanced Display Products, Corning | | |
| 3:50-4:20 | Stefanie Ann Lenway, Professor, University of Minnesota | | |
| | Thomas P. Murtha, Associate Professor, University of Minnesota | | |
| 4:20-4:50 | Panel of Session II Speakers | | |
| 5:00 | Busses to Electronics Manufacturing Laboratory | | |
| 5:30-6:30 5:30-7:30 | IAB Meeting - EML Conference Room Tour and Reception University of Michigan, | | |
| 5:30-7:30 | Tour and Reception | Center for Display Technology and Manufacturing, | |
| | | Electronics Manufacturing Laboratory | |
| | | <u></u> | |
| September 23, 1997 | | | |
| 7:00-8:00 | 3:00 Continental Breakfast | | |
| | | e Directions in Vehicle Displays n Chair: David Cole | |
| 8:00-8:30 | Gary Dickinson, Retired CEO, Delco | | |
| 8:30-9:00 | | Bill Powers, Vice President for Research, Ford | |
| 9:00-9:30 | | Researcher, Electronic and Information Systems Research Laboratory, | |
| | Nissan | | |
| 9:30-10:00 | Break | | |

| | SESSION IV: Civilian Vehicle Displays Session Co-Chairs: Bob Donofrio and Jim Erskine | | |
|----------------------------|---|--|--|
| 10:00-10:20 10:20-10:40 | "Comparison of VFDs and FEDs", Chris Slupek, Futaba | | |
| | Driver Circuitry", John Troxell, et al., General Motors, Delco & Futaba | | |
| 10:40-11:00 | "Human Factors for Automotive Applications of EL Displays", Hollister Hartman, United Technologies Automotive | | |
| 11:00-11:20 | "A New Rugged Substrate Material for Integrated High-Performance | | |
| 11:20-5:00 | Automotive Displays", David Staebler, Sarnoff Posters Displayed | | |
| 11:20-12:30 | Lunch | | |
| 12:30-1:20 | Posters manned and networking | | |
| | SESSION V: Military Vehicle Displays Session Co-Chairs: R. Shashidhar and Rick Wyrembelski | | |
| 1:30-1:50 | "New Displays for the Abrams M1 Tank", Terry Hatton, General Dynamics Land Systems | | |
| 1:50-2:10 | "Integration of a Flat Panel Display in the M1A2 Main Battle Tank: A Human Factors Challenge", Wendy Staiger, General Dynamics Land Systems | | |
| 2:10-2:30 | "TM-600 Monitor for Vehicle Applications", Arthur Mengel, Teltron Technologies | | |
| 2:30-2:50 | "Gray Level Separation for Vehicle AMLCDs", Matthew Warmuth, Optical Imaging Systems | | |
| 2:50-3:10 | Break | | |
| | SESSION VI: Emerging Technology Session Co-Chairs: Steven Depp and Vincent Cannella | | |
| 3:10-3:30 | "Light Emitting Diode Displays", David J. Williams, Eastman Kodak | | |
| 3:30-3:50 | "CMOS Displays", J. Fan, Kopin | | |
| 3:50-4:10 | "Reflective LCD Displays". Philip Bos, Kent State University | | |
| 4:10-4:30 | "X-Ray Imaging Using Display Related Technology", John McGill, Optical Imaging Systems | | |
| | SESSION VII: Poster Session Session Chair: Alan Sobel | | |
| P-1 | "Liquid Crystal Materials for Electrically Controllable Birefringence Effects", V. V. Belyaev, Central R&D Institute Cometa, Russia | | |
| P-2 | "Color Displays in the Main Battle Tanks", Jennifer Gross, General Dynamics Land Systems | | |
| P-3 | "Development of a System for the Production of Ionized Water by Electrolysis | | |
| | and Evaluation of the Cleaning Efficiency of the Ionized Water", Naoya Hayamizu, Toshiba & Permelec Electrode Ltd. | | |
| P-4 | "Accurate Color Measurements in Vehicle Displays", Hector Lara, Photo Research. | | |
| P-5 | Devices", JianJun Li, Changchun Institute of Physics, China | | |
| P-6 | "Eletro-optical and Viewing Angle Performance of Low-delta n Liquid Crystal Displays", Z. Y. Liang, North LCD Center, Changchun Institute of Physics, China | | |
| P-7 | "Motheye Surface Relief Structures as Alternative to AR Coatings" James Nole,, Holographic Lithography Systems | | |
| P-8 | "A Novel Device for Reflective or Transparent Type Displays", Hongwen Ren, Liquid Crystal Lab, Changchun Institute of Physics, China | | |
| P-9 | "Optimized Driving Scheme for STN Display Panel in Portable Application", Lighten Tse, Motorola | | |
| P-10 | "Simultaneous Scan Dual MIM-AMLCDs Using Si-rich SiN,", V. Veerasamy, | | |
| P-11 | Optical Imaging Systems "Microstructure Control for Thin Film Metallization", G. S. Was, University of | | |
| P-12 | Michigan "Fabrication and Optimization of Diamond Field Emission Display Cell in | | |
| P-13 | Triode Mode", D. Hong, Michigan State University "E-Beam Evaporated Indium Tin Oxide Films on Plastics for Display | | |
| | Applications", Dondal J. Davis, Kent Displays, Inc. and Gerald T. Mearini, General Vacuum, Inc. | | |