

THURSDAY

- 12.30 Registration and Welcome
Ralf Schäfer, Herbert de Smet
- Keynote about Latest Material Development and Ideas of Merck Display**
- 13.00 Jens Osterodt, Merck KGaA, Darmstadt
LC Displays (TV and Mobile) and Application of LC in Other Technologies (Windows, Automotive, ...)
- SESSION 1 Materials and Processes for OLED Displays**
- 13.35 Hartmut Krüger, Fraunhofer IAP, Potsdam
1-Ethynyl Ethers as Efficient Thermal Crosslinking System for Hole Transport Materials in OLEDs
- 13.55 Daniel Volz, CYNORA GmbH, Bruchsal
Thermally Activated Delayed Fluorescence: The Upcoming Key Technology for Next-Generation AMOLED-Displays
- 14.25 Silvia Janietz, Fraunhofer IAP, Potsdam
Ambipolar Host Materials for Solution Processed Organic Light Emitting Diodes (OLEDs)
- 14.45 Coffee Break
- SESSION 2 Applications of Quantum Dots**
- 15.15 Steve Reinhard, Nanoco, Manchester
Wide Color Gamut Displays Using Cadmium-Free Quantum Dots
- 15.45 Benjamin Heyne and Yohan Kim, Fraunhofer IAP, Potsdam
From the Synthesis of High Quality InP-Based Quantum Dots to Highly Efficient QLEDs
- SESSION 3 Display Manufacturing**
- 16.15 Elisabeth Bodenstein, Fraunhofer FEP, Dresden
OLED Micropatterning by Electron Beam Processing
- 16.35 Sheikh Abdullah Al Nusayer, University of Stuttgart, Institute for Large Area Microelectronics
Co-Fabrication of Micromechanical and Integrated Electronic Systems
- 16.55 General Meeting of SID & Officer Election
- 17.30 Informal Meetings
- 19.00 Networking Event Including Conference Dinner

FRIDAY

- 09.00 Stefan Riehemann, Fraunhofer IOF, Jena
Photonic Technologies for Human-Machine Interaction
- SESSION 4 Virtual Reality, 3D Display and Displays for Medical Applications**
- 09.35 Uwe Vogel, Fraunhofer FEP, Dresden
OLED Microdisplays in Near-to-Eye Applications: Challenges and Solutions
- 09.55 Jean-Claude Rosenthal, Fraunhofer HHI, Berlin
Depth-Based Quality Control for Medical Applications
- 10.15 Coffee Break
- 10.35 Herbert de Smet, University of Gent
Design and Modelling of Thermoformed Displays for Smart Contact Lenses
- 10.55 Celine Vanhaverbeke, University of Gent
A Biocompatible Active Artificial Iris
- 11.15 Oliver Schreer, Fraunhofer HHI, Berlin
Real Persons and Objects for Virtual Reality Applications
- 11.35 Christian Weissig, Fraunhofer HHI, Berlin
Technologies for Capturing and Presentation of VR Content
- SESSION 5 Award Session**
- 11.55 Best Student Award Ceremony
- 12.05 Concluding Remarks and Goodbye
Herbert de Smet, Ralf Schäfer
- 12.30 Walking Lunch, Demonstrations and TiMELab Visit