First-class professional knowledge for display experts

From 26 to 27 February 2020, engineers, developers, project leaders, managers, scientists and users of electronic displays will once again be able to learn about the latest display technologies.

Wednesday, February 26, 2020

Keynote-Session 1: Display Trends & Technologies

10:00 – 10:20
Keynote: Zombie markets
Ian Hendy, Hendy Consulting

10:20 – 10:40
Keynote: OLED Market and Technology Development
Robert O’Brien, Display Supply Chain Consultants

10:40 – 11:00
Keynote: Panel Discussion

11:00 – 11:20
Keynote: How Automotive Applications Drive Display Innovations
Dr. David Hermann, Volvo Cars

11:20 – 11:40
Keynote: Escape from Overcapacity: What Next for the Display Industry?
Paul Gray, IHS Technology

11:40 – 12:00
Keynote: Doofit goes outdoor
Dirk Gessner, Ströer media Deutschland

Author Interviews, Lunch & Posters

13:15 - 13:35
Designing UltraTouch force-sensing touch screen panels
Paridhi Sharma, Cambridge Touch Technologies

13:35 - 13:55
Video Compression: A Vital Requirement for Next-Generation Vehicles
Alain Legault, Hardent

13:55 - 14:15
Integration of Touch and Display in Embedded Linux
Andreas Kopietz, Endrich Bauelemente

14:15 - 14:35
Development of Novel LOCA for Automotive Curved Displays
Felix Velten, Dexerials Europe

14:35 - 14:55
Large PeDOT Touch Sensors and A New Method for Comparing Touch Performance in Different Materials
Dr. Gerald Morrison, SigmaSense

14:55 - 15:15
Paving the way to augmented reality – 3D HUDs
Dr. Matthias Neundorf, Kyocera Automotive and Industrial Solutions

15:55 - 16:15
3D HMI for Automotive Center Console
Dr. Alberto Sanchez Castillo, Behr Hella Thermocontrol; Dr. Huub Van Kuringen, Dimenco

16:15 - 16:35
GUI Trends – Building UX for the Future
Lars Anderson, Alita

16:35 - 16:55
IoT Dashboards – from data flow to data-driven decisions
Elisabeth Engel, Interfacewerk

Session 04: (Automotive) GUI/HMI

15:35 - 15:55
Realizing remote display systems for safety applications
Nobutaka Yamagishi, Socionext Europe

16:15 - 16:35
How in-glass laminated displays improve vehicle safety, ergonomics and UX
Ari Tervonen, Beneq Oy

16:55 - 17:15
Author Interviews & Posters
Thursday, February 27, 2020

Session 07: Local Dimming for Automotive LCDs
09:00 - 09:20
Matrix Local Dimming LED Driver for Local Dimming Automotive Displays
Szukang Hsien, Maxim Integrated

Session 08: AR/VR: Techniques & Applications
09:00 - 09:20
OLED/OPD-on-silicon for near-to-eye microdisplays and sensing
Dr. Uwe Vogel, Fraunhofer Institute for Organic Electronics, Electron Beam and Plasma Technology FEP

Session 09: Gestures & HMI
09:00 - 09:20
3D Gesture Control Technology for Industrial Applications
Markus Hell, Alexander Trica, DATA MODUL

09:20 - 09:40
Image dependent RGB-backlight for LCD
Michael Buczek, footprint electronics

Session 10: Automotive Displays & Touch Integration
10:00 - 10:40
Multi-display Lens Design – Plastic versus Glass
Kai Hohmann, Continental Automotive

Session 11: HDR Measurements
10:00 - 10:40
HDR – The Big Challenges
Roland Seibt, Weka Media Publishing / TestLab

Session 12: Rough Display Applications
10:00 - 10:40
HMI hardware design for rough environments and outdoor
Dr. Alexander Stoppa, Irlbacher Blickpunkt Glas

10:40 - 11:00
High precision optical bonding for free-form and curved displays
Eugen Bilcai, Henkel

Session 13: Micro-LEDs
11:00 - 11:20
High-fidelity imaging vs. artistic image rendering
Dr. Michael Becker, Instrument Systems

11:20 - 11:40
How to integrate the display into the automotive interior for more stylish atmosphere?
Takeshi Kihara, Dai Nippon Printing

Session 14: Display Measurements
11:20 - 11:40
Measurement of Discomfort in High Dynamic Range Imaging
Dr. Jurgen Stauder, InterDigital

11:40 - 13:00
How to integrate the display into the automotive interior for more stylish atmosphere?
Takeshi Kihara, Dai Nippon Printing

Conference Fees
by Jan 16 | from Jan 17
Full Conference (26.-27.2.2020) | 700,00 € | 780,00 €
First Conference Day (26.2.2020) | 490,00 € | 530,00 €
Second Conference Day (27.2.2020) | 490,00 € | 530,00 €
Students (26.-27.2.2020) (excl. lunch) | 49,00 € | 49,00 €

More information: www.electronic-displays.de