



March 15 - 16, 2023
Messezentrum Nuremberg



PROGRAM

INNOVATION IS THE KEY TO GREAT DISPLAYS AND SYSTEMS

The electronic displays Conference is not only the knowledge platform for international experts, but also the most important European B2B platform for professional displays and applications. Take advantage of this unique opportunity and learn more about the latest display technologies.

Wednesday, March 15, 2023			
Keynote-Session: Display Markets & Trends			Room TOKIO
09:50 - 10:00	Words of Welcome	Prof. Dr. Karlheinz Blankenbach, Pforzheim University	
10:00 - 10:25	Advanced Displays Are Driving Industry Growth	Dr. Guillaume Chansin, DSCC	
10:25 - 10:50	Brave New World: the Post Pandemic Display Landscape	Paul Gray, Omdia (part of Informa Technology)	
10:50 - 11:15	3 Pairs – a Study of the Top 6 Display Companies and their Current and Future Businesses	Ian Hendy, Hendy Consulting	
11:15 - 11:40	Refresh – Global Display Industry Outlook	Lisa Li, Sigmaintell Consulting	
11:40 - 12:05	Consumer Demand Trends & Outlook for TV and Other Display Technologies	Cameron Graham, GfK	
12:05 - 13:00	Author Interviews, Lunch & Poster		
Session 1: Touch & Optical Bonding Room TOKIO		Session 2: Micro-LEDs & Industrial Displays Room SEOUL	Session 3: HMI & Related Technologies Room SHANGHAI
13:00 - 13:20	New Touchscreen Solutions, Pre-certified for Functional Safety in Home Appliances Chad Solomon, Microchip Technology	High Resolution Displays Enabled by Laser Technologies – OLED, MicroLED, Waveguides Dr. Oliver Haupt, Coherent LaserSystems	Personalisation of the Human & Machine Interface by Lighting and Display Technologies Dr. Derek Peden, FORVIA Faurecia
13:20 - 13:40	Bringing Touchscreens to Life Dr. Iyad Nasrallah, TouchNetix	Toray's Total Solutions for Mass Production of Micro LED Display Katsumi Araki, Reiko Hayashida, Toray Engineering	The Joy of Use – How to Master the Complexity of Machine Operation Frank Fleischer, RAFI
13:40 - 14:00	Using PCAP Under Difficult EMC Conditions Rudolf Sosnowsky, HY-LINE Computer Components	Industrial and Public Displays & OEM Supply Chain Insights TzuYu Huang, Informa/Omdia	Inmold Decorated Plastic Touchscreen Panels in Automotive and Home Appliance Applications Dr. Wolfgang Clemens, PolyIC
14:00 - 14:20	Optical Bonding – Whole New Industry – Invisible, But Complex And Highly Demanding Dr. Belinda Berns	Challenge Accepted: Handheld Devices for Industrial Usage Robert Meier, DATA MODUL	Time-of-Flight 3D Sensing Jouni Riihimaeki, ams OSRAM
14:20 - 14:40	Powerful 30 Seconds Cycle Time Silicone Optical Bonding Process for Display Applications Eugen Bilcai, PiBond	System Integration of Electronic Displays – Considerations from a Mass Production Perspective Dr. Hendrik Zachmann, Jabil Optics Germany	Overcoming the Chip Shortage and Distributed Team Challenges with Cloud-Based Hardware Jeff Stewart, Altia
14:40 - 15:10	Author Interviews, Coffee & Poster		
Session 4: Optical Measurements Room TOKIO		Session 5: (Automotive) Display Applications & Evaluations Room SEOUL	
15:10 - 15:30	Intelligent Calibration Techniques for Display and Lighting Industries Dr. Kedar Sathaye, Konica Minolta Sensing Europe	Make Life a (Visible) Ride – Peculiarities and Challenges of Display Systems for Motorbikes; Today and for the Future Maxime Compagnon, BMW AG	
15:30 - 15:50	Photometric Robotic for Fast and Precise Human-Centered Automotive Display Metrology Dr. Ingo Rotscholl, TechnoTeam Bildverarbeitung	Quantitative Evaluation of Display Readability in a Car Simulator Under Ambient Light Conditions Dr. Michael Linder, Corning	
15:50 - 16:10	Pushing the Limits of the Calibration Accuracy for High-end Spectroradiometers Peter Karp, Admesy	Data Glasses for Nautical Applications Prof. Rigo Herold, Westsächsische Hochschule Zwickau	
16:10 - 16:30	Characterization and Prevention of Global and Rolling Shutter Artefacts in Display Metrology Andreas Liebel, Instrument Systems	Fine-Pitch LED-Floor for Immersive Multiuser VR Displays Dr. Steffen Hergert, xCave Technology	
16:30 - 16:50	Color Gamut – The BT.2020 Challenge with QDs Bernd Homberg, EIZO	ASIL B LED Driver and TFT Bias Power Solutions for Tell-Tale Indicators on Local Dimming LCD Display Max Huang, Analog Devices	
16:50 - 17:15	Author Interviews & Poster		

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Thursday, March 16, 2023			
	Session 6: Automotive Displays	Room TOKIO	Session 7: E-Paper & Outdoor Displays
09:10 - 09:30	The Opportunity and Challenges of AM Micro-LED Display for Automotive Application Qin Feng, Tianma Europe		ePaper and Art-Displays: Paper Goes Digital Claus Vogt, DATA MODUL
09:30 - 09:50	Local Dimming for Automotive HUD Dr. Peter Clausen, Kyocera Automotive and Industrial Solutions		Outdoor Display Optimization Werner Malcherek, LTG Ulm
09:50 - 10:10	Ambient Swareness Local Dimming Display Nizar Tarabay, Faurecia Irystec		Printed E-Paper. The More Cost-Effective E-Paper Solution Dirk Becker, Ynvisible
10:10 - 10:30	The Automotive Interior Design Trend for the Future; „LCDs Harmonized Decor Surface“ Takeshi Kihara, Dai Nippon Printing		Realization of Full Color Electrowetting Displays for Digital Out of Home Applications Dr. Doeke Oostra, Etulipa
10:30 - 11:00	Author Interviews, Coffee & Poster		
	Session 8: Interfaces	Room TOKIO	Session 9: OLEDs
11:00 - 11:20	Using a Standards-Based Framework to Meet the Growing Bandwidth and Safety Requirements of Next-Generation Automotive Displays Ariel Lasry, Qualcomm / MIPI Alliance		OLED-on-Silicon Platform for High-resolution and Ultra-low Power Microdisplays Dr. Uwe Vogel, Fraunhofer Institute for Organic Electronics
11:20 - 11:40	Automotive SerDes Alliance Communication Solution for Multi-Display Applications Conrad Zerna, Aviva Links		Latest Reliability Testing Requirements of Larger OLED Devices, Foldable Products and Wearables Wolfgang Mildner, MSWtech
11:40 - 12:00	Requirements and Use of RF Couplers in the Field of Analysis and Debugging of Automotive Video Links Dr. Markus Kreuzer, TZ Electronic Systems		Measurements of QD-OED-TV Picture Performance Against WRGB-OLED Roland Seibt, Weka Media Publishing / TestLab
12:00 - 13:00	Author Interviews, Lunch & Poster		
	Keynote Session: New Technologies		Room TOKIO
13:00 - 13:25	How Holographic Display, Sensing and Lighting Applications are Shaping the Future in Automotive, Consumer and Hometech Markets		Dr. Viktor Schuetz, Carl Zeiss Jena
13:25 - 13:50	Micro LEDs Ready for Take-off: Disruption of the Display Industry?		Joachim Reill, ams OSRAM
13:50 - 14:15	New Era of Perceptual & Immersive UX in Automotive		Edouard Da Silva, forvia Faurecia
14:15 - 14:45	Author Interviews, Coffee & Poster		
	Session 10: Materials		Room TOKIO
14:50 - 15:10	High-precision Printing – The Path to Fully Printed Quantum Dot Displays		Dr. Armin Wedel, Fraunhofer IAP
15:10 - 15:30	Emitter Orientation as an Exemplary Challenge in OLED Material Development		Dr. Christof Pflumm, Merck
15:30 - 15:50	Phosphor Film for Local-Dimming Backlight		Felix Velten, Dexerials Europe
15:50 - 16:10	Functional Film Solutions for Automotive Display New Features		Dr. Chen-Kuan Kuo, BenQ Materials
16:10 - 16:30	Author Interviews & Poster		

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Conference Fees	until March 14
One Day (15 or 16.03.2023)	600,00 €
Full Conference (15 - 16.03.2023)	850,00 €
Students (15 - 16.03.2023)	49,00 €



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