

Time	Day 1
	27-3
	Tutorial
	Registration
14:00~14:50	The Future of Extended Reality (XR): At Perspective of Display Backplane Technology, Hyun Jae Kim, Yonsei University
14:50~15:40	Introduction to Micro-LED display technology, Dae-Gyu Moon, Soonchunhyang University
15:40~16:00	Coffee break
16:00~16:50	Key Technologies to Realize Next-generation OLED Displays, Changho Noh, UBI Research

Time	Day 2	
	28-3	
8:00~9:00	Registration	
9:00~9:05	Welcome	
9:05~9:45	[Keynote] AR/VR Development Strategy for Future Display, Sug Woo Jung, Samsung Display	
9:45~10:25	[Keynote] OLED and XR industry outlook, Choonghoon YI, UBI Research	
10:25~10:45	Coffee break	
	OLED Korea	eXtended Reality Korea
10:45~11:20	UDC's Phosphorescent OLED Innovation Roadmap, Michael Hack, UDC	Display Projects at Holoptic, Fedor Dimov, Holoptic
11:20~11:55	Valley-centre tandem perovskite light-emitting diodes, Tae-Woo Lee, Seoul National University	MicroLED micro-display in PlayNitride, Chih-Ling Wu, PlayNitride
11:55~13:30	Lunch	
	OLED Korea	eXtended Reality Korea
13:30~14:05	A Single Backplane Technology for AMOLED Smartphones, Tablets and TVs, John Brewer, Amorphyx	Precise Metrology in Diffractive AR Waveguide Mass Production Process: Lessons and Innovations from OptoFidelity, Pekka Laiho, Optofidelity
14:05~14:40	Progress, Challenge and Opportunities in Oxide TFTs for Application from AMOLED to AR/VR/Semiconductor Chips, Jae Kyeong Jeong, Hanyang University	Design Diversity: Emerging Trends in microLED Chip Architecture, Metrology, and Inspection, David Lewis, Inziv
14:40~15:15	IT and Automotive Display Technology Trends, Chang Wook Han, UBI Research	Light measurement of XR devices, Sascha Reinhardt, Instrument Systems
15:15~15:35	Coffee break	
15:35~16:15	[Keynote] Automotive Display / HUD Trend and Future Display, Sungyi Kim, Hyundai MOBIS	
16:15~17:15	Panel discussion	
17:15~18:00	Exhibitor talk	
18:00~	Networking time (with wine & finger food)	

Time	Day 3	
	29-3	
8:00~9:00	Registration	
9:00~9:40	[Keynote] Life with OLED, Daniel Lee (Tai Jong Lee), LG Display	
9:40~10:20	[Keynote] Next-Gen Mixed Reality: New Horizons for Spatial Computing, Alexey Menshikov, Fortell Games	
10:20~10:40	Coffee break	
	OLED Korea	eXtended Reality Korea
10:40~11:15	The competition and ecology of OLED TV and Mini LED in the high-end TV market, Melissa Wang, Beijing Runto Technology	MicroLEDs in 2024: technology, industry, and market overview, Zine BOUHAMRI, Yole Group
11:15~11:50	Accelerating OLED materials R&D through multi-scale modeling, Franco Egidi, Software for Chemistry & Materials	USING AR MIRRORS AND XR FOR OFFLINE TO DRIVE FASHION, BEAUTY, AND FMCG RETAIL SALES, Dmytro Kornilov, FFFACE.ME
11:50~13:25	Lunch	
	OLED Korea	eXtended Reality Korea
13:25~14:00	Realization of organic semiconductor electroluminescent device with unprecedented emission combining both high directionality and high color purity, Fatima Bencheikh, KOALA Tech	Overview of Optical See-through AR Display Architectures, Hiroshi Mukawa, Sony Group Corporation
14:00~14:35	A novel deep-blue OLED emitter approach combining efficiency and stability by using intra-metallic lanthanide emitters., Jan Blochwitz-Nimoth, beeOLED	DTL: a High-Throughput, High-Fidelity Optical Lithography Method for Fabrication of Waveguide Combiners for Augmented Reality, Harun H. Solak, Eulitha
14:35~15:10	Novel p-dopant concepts for unprecedented freedom in OLED stack design: low absorption and tunable doping strength, Julia Stolz, CREDOXYS	Unlocking New Possibilities: Nanoimprint Lithography for AR/VR/XR Waveguide Fabrication, Patrick Schuster, EV group
15:10~15:30	Coffee break	
	eXtended Reality Korea	
15:30~16:05	Unlocking the Potential of AR/VR Technology through the Innovations at Merck, Norihiko Tanaka, Merck Electronics	Global Trends and developing the XR Device Industry in Korea, Sung-jin Kim, KIET
16:05~16:40	OLED Color Patterning Technologies for AR/VR and IT Displays, Chiwoo Kim, APS	CMOS Backplane Technology and Its Challenge for μ LEDs AR/XR Display, MYUNGHEE LEE, Sapien Semiconductors
16:40~17:15	High Resolution Evaporator For 10Kppi OLEDs Microdisplay., Chriss Changhun Hwang, OLEDON	Microdisplays for XR and various applications, BRIAN KIM, RAONTECH