

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] Life with OLED, Daniel Lee (Tai Jong Lee), LG Display	
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	The road to mass production of MicroLED display, Yun-Li (Charles), 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	Optical quality control of a VR headset at different production stages, Yangjae Ha, 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] OLED and XR industry outlook, Choonghoon YI, UBI Research	
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	Runto [TBD]	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	Global Trends and developing the XR Device Industry in Korea, Sung-jin Kim, KIET
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	Overview of Optical See-through AR Display Architectures, Hiroshi Mukawa, Sony Group Corporation
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 the Potential of AR/VR Technology through the Innovations at Merck, Norihiko Tanaka, Merck Electronics
15:10~15:30	Coffee break	
	eXtended Reality Korea	
15:30~16:05	Unlocking New Possibilities: Nanoimprint Lithography for AR/VR/XR Waveguide Fabrication, Patrick Schuster, EV group	DTL: a High-Throughput, High-Fidelity Optical Lithography Method for Fabrication of Waveguide Combiners for Augmented Reality, Harun H. Solak, Eulitha
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