

The 26th International Meeting on Information Display

# IMiD 2026

## Lightcrafting the Future

August 18-21, 2026  
BEXCO, BUSAN, KOREA



### Keynote Speakers



**Dr. Sung-Chan Jo**

Corporate EVP, Head of R&D Center  
Samsung Display Co., Ltd., Korea



**Dr. Bernard Kress**

Director, XR Engineering  
Google, USA





**Dr. Jacob Choi**

Director, Display Hardware  
Meta, USA

### Important Dates

- ✔ **Paper Submission Deadline** March 31 (Mon.) April 13 (Mon.)
- ✔ **Acceptance Notification** May 29 (Fri.)
- ✔ **Late-news Paper Submission Deadline** June 28 (Sun.)
- ✔ **Late-news Acceptance Notification** July 10 (Fri.)
- ✔ **Pre-registration** June 8 (Mon.) – July 31 (Fri.)

**Organized by** The Korean Information Display Society (KIDS)  한국정보디스플레이학회  
The Society for Information Display (SID) 

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## Conference Information

<b>Format</b>	Offline Conference
<b>Date</b>	August 18-21, 2026
<b>Location</b>	BEXCO, Busan, Korea
<b>Organized by</b>	- The Korean Information Display Society (KIDS) - The Society for Information Display (SID)
<b>Program</b>	<ul style="list-style-type: none"> <li>- Opening Ceremony</li> <li>- Keynote Addresses</li> <li>- Tutorials / Workshops</li> <li>- Regular Sessions</li> <li>- Special Sessions</li> <li>- Young Leaders Conference</li> <li>- Outstanding Student Conference</li> <li>- Exhibition</li> </ul>

## Program at a Glance

	Time	214~216 (Room B)
Aug. 18 (Tue.)	11:00-13:00	Workshop
	13:00-14:30	Lunch (on your own)
	14:30-17:20	Tutorial

	Time	211~213 (Room A)	214~216 (Room B)	217 (Room C)	218 (Room D)	311~312 (Room E)	313 (Room F)	314 (Room G)	315 (Room H)	316~317 (Room I)	3A Hall	
Aug. 19 (Wed.)	09:00-10:30	Oral 01	Oral 02	Oral 03	Oral 04	Oral 05	Oral 06	Oral 07	Oral 08	Oral 09	Exhibition	
	10:30-10:50	Coffee Break										
	10:50-12:20	Oral 10	Oral 11	Oral 12	Oral 13	Oral 14	Oral 15	Oral 16	Oral 17	Oral 18		
	12:20-14:00	Lunch (on your own)										
	14:00-14:30	Opening Ceremony (2F, Auditorium)										
	14:30-16:00	Keynote Addresses I ~III (2F, Auditorium)										
	16:00-16:20	Break Time										
	16:20-17:50	Poster Session I (1F, 3A Hall)										

	Time	211~213 (Room A)	214~216 (Room B)	217 (Room C)	218 (Room D)	311~312 (Room E)	313 (Room F)	314 (Room G)	315 (Room H)	316~317 (Room I)	3A Hall	
Aug. 20 (Thu.)	09:00-10:30	Oral 19	Oral 20	Oral 21	Oral 22	Oral 23	Oral 24	Oral 25	Oral 26	Oral 27	Exhibition	
	10:30-11:00	Coffee Break										
	11:00-12:30	Oral 28	Oral 29	Oral 30	Oral 31	Oral 32	Oral 33	Oral 34	Oral 35	Oral 36		
	12:30-14:00	Lunch (on your own)										
	14:00-15:30	Poster Session II (1F, 3A Hall)										
	15:30-16:00	Coffee Break										
	16:00-17:30	Oral 37	Oral 38	Oral 39	Oral 40	Oral 41	Oral 42	Oral 43	Oral 44	Oral 45		

	Time	211~213 (Room A)	214~216 (Room B)	217 (Room C)	218 (Room D)	311~312 (Room E)	313 (Room F)	314 (Room G)	315 (Room H)	316~317 (Room I)	3A Hall	
Aug. 21 (Fri.)	09:00-10:30	Oral 46	Oral 47	Oral 48	Oral 49	Oral 50	Oral 51	Oral 52	Oral 53	Oral 54	Exhibition	
	10:30-11:00	Coffee Break										
	11:00-12:30	Oral 55	Oral 56	Oral 57	Oral 58	Oral 59	Oral 60	Oral 61	Oral 62	Oral 63		
	12:30-14:00	Lunch (on your own)										
	14:00-15:30	Poster Session III (1F, 3A Hall)										



## Tutorials

The tutorials are aimed to provide introductory courses for newcomers about the information display technologies. The tutorials provide audience with basic topics: Free Form Factor Displays, QLEDoS, Micro LED + QDCC.

## Workshops

The workshop is aimed to provide fundamental principles and up-to-date progresses of cutting-edge information display technologies. At IMID 2026, a series of pre-conference workshop programs focus on AMD, OLED, QD, Micro-LED.

## Young Leaders Conference

Young Leaders Conference is open to young scientists who would like to share and discuss their research achievement. Young Scientists are carefully chosen through our technical program committee and recommended for this session. All participants will take this unique opportunity to hear their recent research result. Please join our Young Leaders Conference.

## Outstanding Student Conference

Outstanding Student Conference is open to students who would like to share and discuss their research results. After oral presentations, outstanding presenters among the award applicants will be selected by committees based upon their research originality and technical significance.

## Paper Submission: ~~March 31(Tue.)~~ April 13(Mon.)

All authors are required to upload their paper (Only 1 Page) through the online paper submission system (<https://imid2026.genimice.com/index.do>). Please prepare your paper in PDF format for the submission. The paper template can be downloaded from our website ([https://www.imid.or.kr/2026/online\\_paper\\_submission.asp](https://www.imid.or.kr/2026/online_paper_submission.asp)).

## Acceptance Notification: May 29(Fri.)

Notification of Acceptance will be sent via e-mail to the corresponding authors and speakers. The submitted paper will be evaluated based on technical merits by peer reviewers. The accepted paper might be reassigned to an oral or a poster presentation of appropriate topical session by our technical program committee.

## Pre-Registration: June 8(Mon.) – July 31(Fri.)

At least, one author of each accepted papers must complete his/her registration and pay the registration fee by July 31(Fri.), 2026; otherwise the papers will be withdrawn from the proceedings publication.

## IMID 2026 Topic Scope

### 01. Special Session I: Display Technologies for Extreme Environmental Challenges

- Innovative characterization methods for assessing display reliability under harsh conditions; Innovative materials and designs for displays in extreme temperatures and radiation exposure; Strategies for maintaining performance in electric and magnetic field environments as well as in strong cavity; Development of OLED, QLED, and oxide TFT technologies for extreme environmental applications; Super high resolution displays for physical AI; Advanced environmental testing, including thermal cycling, UV resistance, and radiation exposure; Sustainability and lifespan optimization for displays in extreme environments; Breakthroughs in materials, processes, and system designs for enhanced environmental adaptability.

### 02. Special Session II: Free Form Factor Displays

- Flexible, foldable, rollable, and stretchable display technologies, including deformable display materials (substrates, conductors, semiconductors, barrier layers); emerging devices including various types of sensors, novel processes and manufacturing methods (printing, novel deposition/patterning techniques, transfer, laminating/delaminating); electro-optical effects; driving techniques and designs for deformable electronic devices including light-emitting devices and thin-film transistors; and device performance and reliability for all deformable display technologies.

### 03. Special Session III: Enabling Technology for XR Devices

- Materials, optical components, and devices (Micro-LED, Micro-OLED, LCD, Quantum dot, and other emerging display types) for eXtended Reality (XR) devices; Pixel structures, manufacturing processes, and system integration suited to near-eye displays and compact projection systems; Low-power and high-dynamic range driving techniques for high-resolution and high-speed XR displays; Sensing, processing, and interaction technologies crucial for immersive XR experiences. Image quality, content generation/processing, and low-latency rendering pipelines for comfortable and realistic XR environments; Human factors, psychophysics, and visual experiences for next-generation XR device design.

### 04. Active-Matrix Devices

- Micro & nano-crystal silicon, amorphous and crystalline oxide, oxynitride, metal halide, organic, and carbon nanomaterials based TFTs; quantum dot, perovskite, chalcogenides, 2D layered materials, and other emerging semiconducting materials and gate dielectric materials for TFTs; novel low temperature fabrication and annealing technology for TFTs; solution processed & printed TFTs; new structures/processes and novel application of TFTs; active-

matrix devices for LCD, OLED, LED, QLED, and micro displays; novel and high performance active-matrix devices and system-on-panel (SOP); backplane technologies for emerging displays; emerging application of TFTs.

### 05. AI & Computational Technologies for Displays

- All aspects of AI & computational technology for display design/process/manufacturing/measurement; visual inspection; scheduling, predictive maintenance, anomaly detection, classification, human vision perception; numerical algorithm; OLED device simulation; quantum computing algorithm; Prediction of material/electrical/optical/mechanical properties of display; Enhancement of image quality; quality prediction of XR and computational displays.

### 06. Applied Vision/Human Factors

- Investigating display technologies that integrate human visual perception with physical properties, encompassing general displays, stereoscopic, autostereoscopic, AR/VR form factors, automotive, and transparent display devices. This includes optimizing display capabilities to create immersive experiences, leveraging the limitations of the visual system for efficient data processing and transmission, and developing innovative user interaction methods. Furthermore, we also develop and apply display metrology techniques to characterize and evaluate display performance, measuring optical, electrical, and perceptual parameters such as brightness, color accuracy, contrast ratio, and viewing angle, ensuring optimal display performance.

### 07. AR/VR/MR and 3D Display Optics

- Advanced technologies for AR/VR/MR and 3D display; near-to-eye display and head-up display; stereoscopic, light-field, volumetric, and holographic displays; optics for AR/VR/MR and 3D display; image/scene capture, conversion, and machine learning for content generation; spatial computing; image formats, compressions, and standards; user interaction and low-latency techniques for immersive experience; measurement and performance evaluation; novel applications.

### 08. Interactive Technologies

- Interactive technologies enabling real-time and bidirectional interaction between users and display-enabled systems, including touch, tactile, gesture, and multimodal interaction; Soft, flexible, and deformable materials and devices, including organic, polymer, and hybrid systems, for interactive interfaces such as electronic skins and conformable tactile platforms; Sensor-integrated interactive displays combining sensing, signal processing, and feedback for intuitive human-machine interaction; interactive systems for emerging applications including wearable electronics, robotics, automotive interfaces, and immersive environments; Emerging materials, device architectures, and manufacturing innovations for scalable and reliable interactive technologies.



## 09. Display Electronics and Systems

- Advanced algorithms for display driving technology such as AI; display system and peripheral designs; circuits and algorithms for microdisplays; touch interface electronics; TFT circuits (driving methods and circuits for display devices and systems); driver ICs; image signal processors; display interface technologies; driving electronics of touch panels; image quality enhancement methodologies and systems; neuromorphic systems; all novel integrations of displays into specialized devices as well as system-level aspects of electronic displays.

## 10. Display Manufacturing

- Thin and thick film deposition, lithography, etching, cleaning, printing, coating, and various plasma technologies; process & equipment technologies for new and emerging displays including flexible & wearable applications; display manufacturing issues related to advancements such as performance improvement, cost reduction, high throughput, and flexibility; material issues in display processes, including synthesis and deposition of emerging materials; process & equipment technologies for display circuits and interfaces; process & equipment for printed electronics including display and sensor fabrication; applications in display manufacturing processes.

## 11. Metrology and Inspection Technologies

- Novel research on metrology and inspection technology for display industry; process metrology for OLEDs, LEDoS, QD-display, OLED and LCD devices manufacturing; high resolution optical imaging system; artificial intelligence (AI) technique for MI industry; deep learning algorithm for inspection; generative AI technique with digital twin; electrical measurement technology for TFT; advanced MI technique for thickness and critical dimension; 3D&2D profile measurement system; oxide material property measurement technique; new visual inspection technology.

## 12. Emerging Materials and Devices

- Emerging display materials and device architectures such as metamaterials, metasurfaces, metalenses, 2-dimensional (2D) materials, perovskite materials, quantum dots and other related materials; Emerging display materials for XR display and devices (virtual reality, augmented reality, extended reality, hologram, 3D display, etc); High-refractive-index, low-loss materials and active materials for display; Structural color filters for display; Transparent conducting electrode materials for display; Emerging display materials for automotive and aviation display applications, and interactive display applications.

## 13. LC and Electronic/Optical Materials Technologies

- Novel functional materials/optics/architectures for future displays including High-image-quality, high-resolution, and

high-dynamic-range LCD; Automotive displays/Optics; QD-enhanced displays; LC materials for EL/PL components; Up/down-conversion photonics materials; AR-VR and 3D Optics/Materials; Geometric phase holograms; Diffraction/Guide optics/Materials; Polarization Modulators; Optical Activity/Chirality; Smart windows; LC photonics/Lens; GHz/THz modulators; Nano-structured LC components/devices; Optical films/retarders/fabrics; Soft sensing materials; Soft lithography; Molecular design/synthesis of adaptive materials; Stimuli-responsive materials; LC elastomers; Biomedical LC materials and applications; Ecofriendly display materials; Green display components; Low power/Light conversion displays.

## 14. Micro-LEDs

- Advances in LED-based displays; micro-LED epitaxy, device physics, and pixel fabrication (including size-effect mitigation, sidewall passivation, light extraction, thermal management, and reliability); backplane and heterogeneous integration (CMOS/LTPS/oxide TFT, hybrid bonding and wafer/panel-level packaging); manufacturing technologies for mass transfer, bonding, repair, yield and cost modeling, and in-line metrology/AI inspection; phosphor, quantum dot, and perovskite materials and patterning processes for color conversion and optical cross-talk control; micro-LED display panels with active/passive driving, compensation algorithms, and system-level optics; miniaturization for flexible/stretchable and transparent displays; and application-specific micro-LED modules for AR/VR microdisplays, bio-healthcare, and automotive systems.

## 15. OLEDs

- Design and characterization of OLED materials; emerging OLED materials, including chiral emitters, organic radicals, and more; exciton dynamics and energy transfer in OLED materials; device physics for high-performance OLEDs; novel emission mechanisms of OLEDs; enhancement of out-coupling efficiency; improvement of optical properties of OLEDs; device stability and degradation analysis; organic and inorganic interfaces in OLEDs; OLED electrodes; OLED manufacturing; OLED patterning process; solution-processed OLEDs; white and tandem OLEDs for displays; encapsulation materials and processes; environmental reliability; novel applications.

## 16. Quantum Dots

- QD fundamentals, including synthesis and characterization of Semiconductor nanocrystal QDs and perovskite, optical and electrical properties of QDs; QD display technologies, including perovskite and QD-based color conversion for LCDs, micro-LEDs, QLEDs; QD-based energy conversion devices and systems; QD photodetectors; high-resolution and fine patterning of QDs; emerging QDs, including perovskite QDs, graphene QDs and more.

## Awards

The Award Committee will select award winners from the presenting authors of oral presentations and posters based on the quality of the presentation at the conference. Please submit your paper for a chance to win an award!

Name of Awards	Grade	Numbers	Prize (per paper)
Merck Award		1 Person	KRW 15,000,000
Merck Young Scientist Award		1 Person	KRW 5,000,000
KIDS Awards (Sponsored by Samsung Display & LG Display)	Gold	2 Papers	KRW 4,000,000
	Silver	2 Papers	KRW 2,000,000
	Bronze	2 Papers	KRW 1,000,000
UDC Innovative Research Award		1 Paper	KRW 15,000,000
UDC Pioneering Technology Award		1 Paper	KRW 15,000,000

※ The number of awards is subject to change depending on result of the review.

※ Best Poster Awards will be selected by an on-site review.

### Important Note

- KIDS Awards and UDC Awards are applicable to the papers submitted during the regular submission period (Deadline: **March 31 (Tue.), April 13 (Mon.), 2026**).
- To be included in the candidates of KIDS Awards and UDC Awards, each author should upload a full paper (at least 4 pages or more) through the online paper submission system on within the deadline.
- The final winner of UDC Awards will be selected by the KIDS Award Committee through final presentation review.
- If you would like to be Merck awardee, it is mandatory to submit your paper to JID (Journal of Information Display). JID is now indexed in the Science Citation Index Expanded (SCIE).

※ Papers previously published in another conference proceedings or journal (or scheduled for publication prior to IMID) will not be accepted.





## IMiD 2026 Special Exhibition

The IMiD 2026 Special Exhibition will run in conjunction with the conference program and offer the exhibition opportunity to interested companies and organization as shown below. The exhibition creates an unparalleled opportunity to promote your products and service face-to-face to attending delegates from all around world.

If you want more information about exhibition, please visit [https://www.imid.or.kr/2026/exhibition\\_guideline.asp](https://www.imid.or.kr/2026/exhibition_guideline.asp)

### Information for Special Exhibition

<b>Exhibition Title</b>	IMiD 2026 Display Future Road Show
<b>Exhibition Schedule</b>	August 19 (Wed.) – 21 (Fri.), 2026 / 3 days
<b>Venue</b>	3A Hall, Exhibition Center I , BEXCO, Busan, Korea
<b>Program</b>	Special Exhibition (Exhibitor's Booth), Exhibitor's Technology Seminar Booth, Recruiting Booth
<b>Exhibition Items</b>	<p>1) Materials and components related to electronic display (Glass, Color Filter, BLU, Polarizer Film, Drive IC, OLED Material, LCD Materials, Touch Panel Materials, etc.)</p> <p>2) Instrument for electronic display (Measuring Instrument, Test System, Equipment for Manufacturing Electronic Parts and Components, Simulator, etc.)</p>

### Exhibition Fee (Excluded VAT)

Application Deadline	KIDS / KDIA Membership		KIDS / KDIA Non-Membership	
	Independent Booth (Space Only / 6M*6M)	Prefabricated Booth (Standard / 3M*3M)	Independent Booth (Space Only / 6M*6M)	Prefabricated Booth (Standard / 3M*3M)
<b>Early-Bird</b> (By April 30, 2026)	KRW 4,000,000	KRW 1,500,000	KRW 6,000,000	KRW 2,000,000
<b>Advance</b> (By June 30, 2026)	KRW 5,000,000	KRW 1,700,000	KRW 7,200,000	KRW 2,300,000
<b>Regular</b> (From July 1, 2026)	KRW 5,600,000	KRW 1,900,000	KRW 8,000,000	KRW 2,500,000

<b>Benefit for Exhibitor</b>	<p>1) Conference Free Regular Registration per 1 booth (For the University participating as Exhibitor, Choose between 1 Conference Free Regular Registration or 2 Conference Free Student Registration)</p> <p>2) Exhibitors Introduction in the special exhibition directory book.</p> <p>3) Web banner linked with the official website of IMiD 2026.</p> <p>4) Exhibition Entry Fee 10% Discount for the company participated in IMiD 2025.</p>
<b>How to Apply</b>	<p>1) Fill in the application form.</p> <p>2) Send the application with business license by E-mail or FAX.</p> <p>3) Receive the invoice form by the IMiD 2026 secretariat office.</p> <p>4) Pay the deposit (It must be paid by May 31, 2026 / 50% of total amount).</p> <p>5) Pay the balance (It must be paid by August 1, 2026).</p>
<b>Application Deadline</b>	<p>1) Early-bird Application: <b>April 30, 2026</b></p> <p>2) Advance Application: <b>June 30, 2026</b></p> <p>3) Regular Application: <b>After July 1, 2026</b></p> <p>※ Applications would not be approved if all spaces have been reserved out.</p>

## About Busan, Korea



Located at the southern tip of the Korean peninsula, Busan is the second largest metropolis in Korea. It is home to the country's longest river, longest beach, and most significant port. Its geography includes a coastline featuring superb beaches, scenic cliffs, and mountains that provide excellent hiking and extraordinary views with hot springs scattered throughout the city. Busan enjoys four distinct seasons and a temperate climate that never gets too hot or cold. For these reasons, Busan is becoming a world-class city for tourism and culture and a hot spot destination for international conventions.

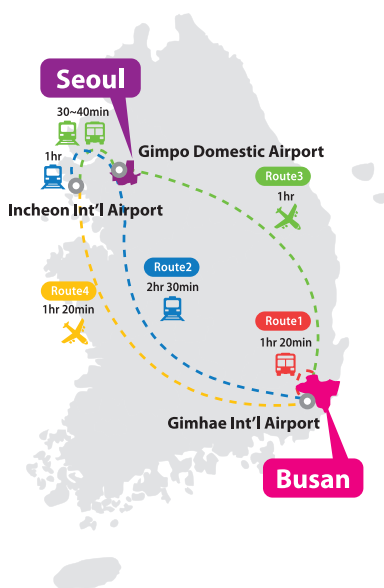
## Venue : BEXCO, Busan

BEXCO, a landmark in the global maritime city of Busan, is a facilitator of successful business that has a vast wealth of knowledge and expertise. The center implements a differentiated operation strategy that is based on its many years of successfully attracting and hosting highly acclaimed, largescale international events. BEXCO prides itself on being a world-leading exhibition and convention center that offers incomparable value to each of its clients. We are looking forward to seeing you in BEXCO, Busan.



## Transportation

If you want more information about transportation, please visit <https://www.imid.or.kr/2026/transportation.asp>



- [Route 1]** Gimhae (Busan) Int'l Airport → BEXCO
- [Route 2]** Incheon Int'l Airport → Busan Station (KTX) → BEXCO
- [Route 3]** Incheon Int'l Airport → Gimpo Domestic Airport → Gimhae (Busan) Domestic Airport → BEXCO
- [Route 4]** Incheon Int'l Airport → Gimhae (Busan) Int'l Airport → BEXCO