



International Symposium on Displays, Imaging Devices and Visual Technologies

OLED • microLED • AR/VR Optics • Imaging Sensors

This international symposium will be organized within the scope of INTERPHOTONICS 2026 and aims to bring together researchers, engineers, and industry leaders working on advanced display technologies, imaging devices, and visual interface systems for next-generation applications.

Scope: This symposium focuses on cutting-edge developments in display technologies, imaging devices, and visual system engineering. It attracts strong participation from both academia and industry, particularly from the consumer electronics, automotive, medical imaging, extended reality (XR), and defense sectors. The symposium provides a platform to discuss both fundamental research and industrial innovation in visual technologies.

Topics of interest include, but are not limited to:

- OLED, QLED, and microLED display technologies
- Optical system design for AR, VR, and MR platforms with human-vision optimization
- Imaging sensors, low-light imaging techniques, and computational imaging
- Holography, light-field displays, and immersive visualization technologies
- Display materials, color science, device reliability, and lifetime performance

Applications: Research presented in this symposium is expected to contribute to a wide range of applications, including wearable and mobile devices, medical and surgical displays, automotive head-up displays (HUDs), augmented and virtual reality systems, and defense and security imaging platforms.

Symposium Organization Opportunity: Researchers and industry professionals with strong expertise in display technologies, imaging sensors, visual optics, or XR systems are warmly invited to take an active role in the organization of this symposium. Interested participants may serve as Symposium Chair or Co-Chair, contribute to shaping the technical program, invite keynote and invited speakers, and lead focused discussions connecting academic research with industrial applications.

How to Apply as Symposium Chair: Researchers who wish to organize or chair this symposium are kindly invited to contact the Conference Chair with a brief statement of interest, including their research background, proposed focus areas within the symposium scope, and potential invited speakers. All applications will be evaluated by the INTERPHOTONICS 2026 Organizing Committee.

Contact Information

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INTERPHOTONICS 2026 Website

<https://www.interphotonics.org>