

# First Call for Papers



## International Symposium on Imaging, Sensing, and Optical Memory 2024

October 20 (Sun)  
– 23 (Wed), 2024

Submission Deadline:  
June 1, 2024 (Tentative)

Arcrea HIMEJI, Himeji, Hyogo, Japan  
<https://www.isom.jp/>

### SCOPE OF THE SYMPOSIUM

ISOM'24 will discuss the current status of Optical Memory, Imaging, Sensing, and Other Related Technologies. The scope of ISOM was drastically changed in 2017. ISOM will provide the attractive fields to exchange the latest advances or ideas in the above research fields and also provide scientific interaction and collaboration. Topics to be covered in this symposium include, but are not restricted to:

#### 1. Optical Memory

- Professional Archive System
- Holographic Memory
- High-density Recording
- Media and Material Science
- Drive Technologies and Signal Processing
- Testing Methods
- Nonvolatile Memory
- Others

#### 2. Imaging

- Computational Imaging
- Single Pixel Imaging
- Wavefront Coding
- Adaptive Optics
- Image Processing
- Scattering Imaging
- Others

#### 3. Sensing

- Medical and Bio-systems
- Three-dimensional Sensing
- LiDAR
- Digital Holography
- Spectroscopy
- Nano-sensing
- Others

#### 4. Other Related Technologies

- Optical Interconnection and Switching
- Optical Information Processing
- Nanophotonics, Metamaterials, and Plasmonics
- Optical System Design
- Materials, Components, and Devices
- Display
- Emerging Technologies and New World
- Others

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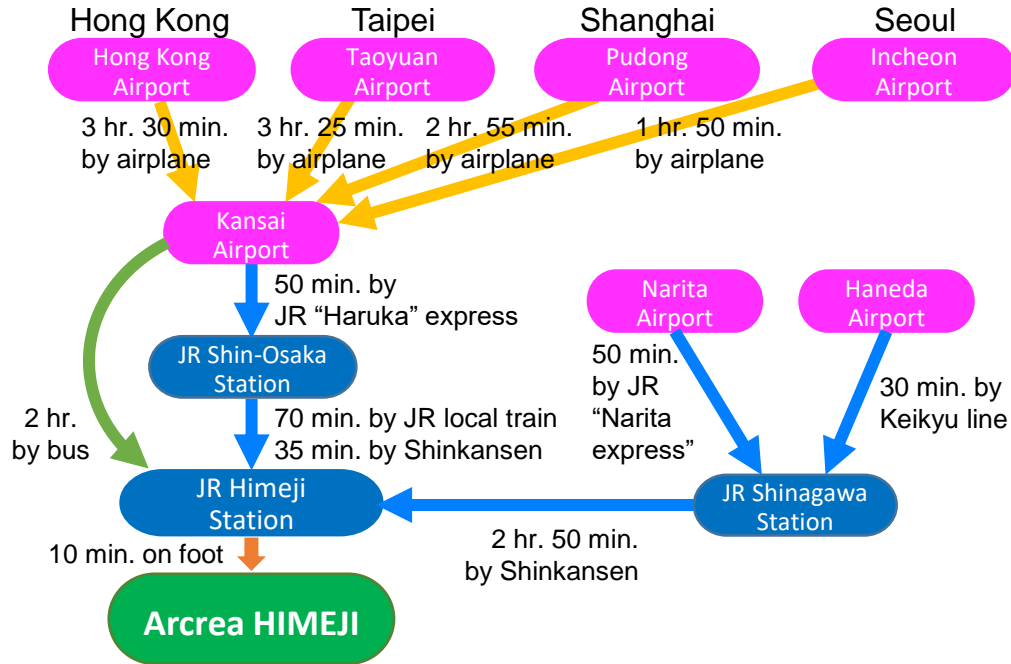
- The Optical Society of Japan (OSJ)
- Optoelectronics Industry and Technology Development Association (OITDA)
- The Japan Society of Applied Physics (JSAP)
- The Magnetics Society of Japan (MSJ)
- The Institute of Electronics, Information and Communication Engineers (IEICE)
- The Chemical Society of Japan
- Information Processing Society of Japan
- The Institute of Electrical Engineers of Japan
- The Institute of Image Electronics Engineers of Japan
- The Institute of Image Information and Television Engineers
- The Japan Society for Precision Engineering
- The Laser Society of Japan
- (To be negotiated with)

## PAPER SUBMISSION INFORMATION

A limited number of contributed papers covering original unpublished work within the scope of the symposium will be accepted for presentation. The deadline for submission to ISOM'24 is **June 1, 2024** (Tentative). A 50-word abstract and a two-page summary must be submitted electronically through ISOM website (<https://www.isom.jp/>). Details of submission information will be shown in the Final Call for Papers and ISOM website by March 2024.

## CONFERENCE SITE INFORMATION

The ISOM'24 will take place at Arcrea HIMEJI in Himeji. It takes 10 minutes from JR Himeji Station to the Arcrea HIMEJI on foot. The following transportation is available to go to JR Himeji Station.



Arcrea HIMEJI  
143-2, Kamiyacho, Himeji-city, Hyogo,  
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<https://www.himeji-ccc.jp/en/>

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