

First Call for Papers



International Symposium on Imaging, Sensing, and Optical Memory 2020

**November 29 (Sun) –
December 2 (Wed), 2020**

**Submission Deadline:
July 11, 2020 (Tentative)**

SUNPORT TAKAMATSU, Takamatsu, Japan
<http://www.isom.jp/>

SCOPE OF THE SYMPOSIUM

ISOM'20 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
- Components and Devices
- Testing Methods
- Others

2. Imaging

- Computational Imaging
- Wavefront Coding
- Image Processing
- Optical System Design
- Devices
- Others

3. Sensing

- Medical and Bio-systems
- Three-dimensional Sensing
- Digital Holography
- Spectroscopy
- Bio-lab on a Disc
- Others

4. Other Related Technologies

- Optical Interconnection and Switching
- Optical Information Processing
- Nanophotonics and Plasmonics
- Components
- Material
- Display
- Photolithography
- Nonvolatile Memory
- Emerging Technologies and New World
- Others

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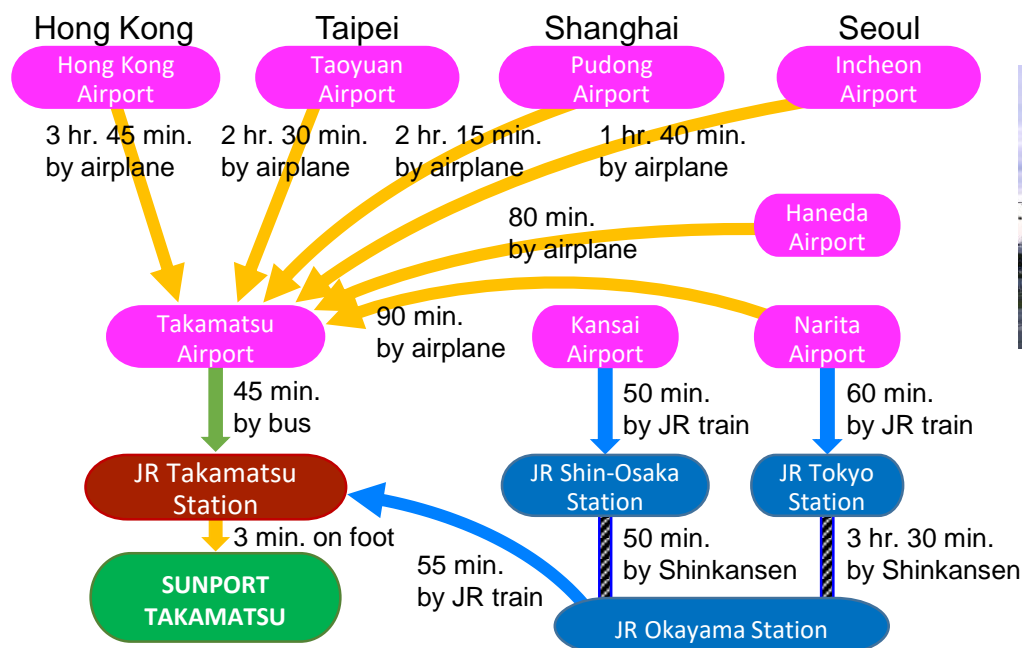
- The Optical Society of Japan (OSJ)
- The Japan Society of Applied Physics (JSAP)
- Optoelectronics Industry and Technology Development Association (OITDA)
- SPIE
- The Magnetics Society of Japan (MSJ)
- The Institute of Electronics, Information and Communication Engineers (IEICE)
- The Chemical Society 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A limited number of contributed papers covering original unpublished work within the scope of the symposium will be accepted for presentation.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'20 is **July 11, 2020** (Tentative). All 50-word abstracts and two-page summaries must be submitted electronically to ISOM website (<http://www.isom.jp/>). Details of submission information will be shown in the Final Call for Papers and ISOM website by March 2020.

CONFERENCE SITE INFORMATION

The ISOM'20 will take place at SUNPORT TAKAMATSU (Takamatsu). It takes 3 minutes from JR Takamatsu Station to the SUNPORT TAKAMATSU on foot. The following transportation is available to go to JR Takamatsu Station.



SUNPORT TAKAMATSU
 2-1 Sunport, Takamatsu City,
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