

First Call for Papers



International Symposium on Imaging, Sensing, and Optical Memory 2018

October 21 (Sun) – October 24 (Wed), 2018
Kitakyushu International Conference Center,
Kitakyushu, Japan

Submission Deadline: June 1, 2018 (Tentative)
<http://www.isom.jp/>

- Sponsored by
- The Optical Society of Japan (OSJ)
- Cosponsored by
- The Japan Society of Applied Physics (JSAP)
 - Optoelectronics Industry and Technology Development Association (OITDA)
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 - 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)

SCOPE OF THE SYMPOSIUM

ISOM'18 will discuss the current status of Optical Memory, Imaging, Sensing, and Other Related Technologies. The scope of ISOM has been drastically changed in 2017 to cover the above research fields. Optical memory is still one of the main topics of the symposium, but imaging and sensing are new important topics. ISOM will provide the attractive fields to exchange the latest advances or ideas in above research fields and also provide scientific interaction and collaboration.

Topics to be covered in this symposium include, but are not restricted to:

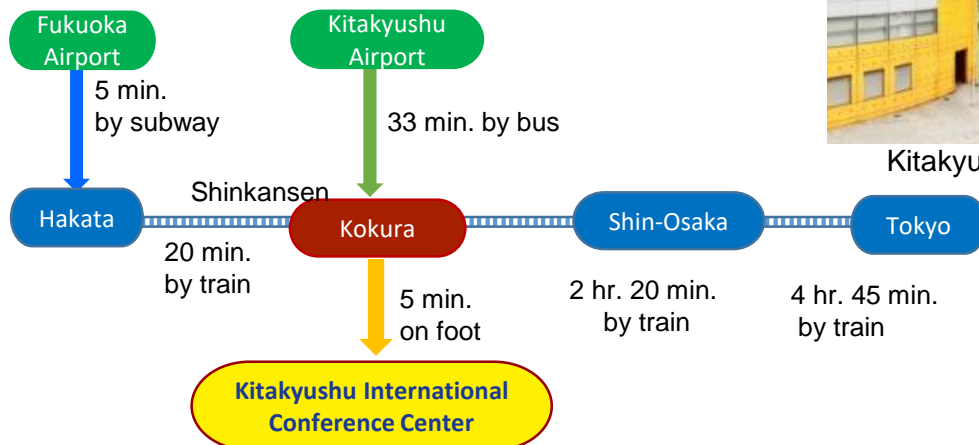
- 1. Optical Memory**
 - Professional Archive System
 - Holographic Memory
 - High-density Recording
 - Media and Material Science
 - Drive Technologies and Signal Processing
 - Components and Devices
 - Testing Methods
 - Others
- 2. Imaging**
 - Computational Imaging
 - Wavefront Coding
 - Image Processing
 - 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

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A limited number of contributed papers covering original unpublished work within the scope of the symposium will be accepted for presentation.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'18 is **June 1, 2018** (Tentative). All 35-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 2018.

CONFERENCE SITE INFORMATION

The ISOM'18 will take place at Kitakyushu International Conference Center (Kitakyushu). It takes 5 minutes from JR Kokura Station to the Conference Center on foot. The following transportation is available to go to JR Kokura Station.



Kitakyushu International Conference Center
 3-9-30 Asano, Kokurakita-ku,
 Kitakyushu-shi, Fukuoka
 802-0001, Japan
 TEL: +81-93-541-5931
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