

FINAL CALL FOR PAPERS



IN
COOPERATION
WITH

SPIE

The Magnetics
Society of
Japan (MSJ)

The Institute of
Electronics,
Information and
Communication
Engineers (IEICE)

The Chemical
Society of Japan

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Image Information
and Television
Engineers

The Japan Society
for Precision
Engineering

The Laser Society of
Japan

Shimane Univ.

NIT Yonago College

Some cooperators
are under
negotiation.

International Symposium on

Imaging, Sensing, and Optical Memory 2017

Kunibiki Messe, Matsue, Shimane, Japan

Oct. 22 - Oct. 25, 2017

SPONSORED BY

- The Optical Society of Japan
(OSJ)

COSPONSORED BY

-The Japan Society of Applied
Physics (JSAP)

-Optoelectronics Industry and
Technology Development
Association (OITDA)

Paper Deadline
June 2, 2017

<http://www.isom.jp/>

INTRODUCTION

The 27th ISOM (ISOM'17) will be held from October 22 to October 25, 2017 at Kunibiki Messe, Matsue, Shimane, Japan.

The origin of ISOM is SOM (Symposium on Optical Memory), which was held firstly in 1985 in Tokyo as a Japanese domestic symposium. The first ISOM (International Symposium on Optical Memory) was held in 1987 also in Tokyo. Until 1994, ISOM and SOM were held alternately every other year, and since 1995, ISOM has been held every year. The total number of papers of the past symposiums has reached 3,285, and the total number of participants has reached 10,195.

The purpose of the symposium was to provide a forum for information exchange on a broad range of topics covering science and technology in optical memory and its related fields. However, information explosion in the internet and cloud service has been enforcing optical memory to change from that for consumer storage to that for enterprise storage. Many colleagues of us have been seeking for new frontiers of optical memory technologies. Considering this situation, the scopes of ISOM are being continuously updated and have been reorganized in 2016. To further highlight them, the official name of ISOM is changed from “International Symposium on Optical Memory” to “International Symposium on Imaging, Sensing, and Optical Memory” in 2017. Paper submissions related to the new scopes as well as the conventional ones would be strongly encouraged.

In ISOM'17, along this direction, it will be very much expected to discuss the current status of optical memory, imaging, sensing, and other related technologies. In addition, we are planning to have demonstration poster papers at the symposium as in the last two years, in which authors will be able to show their vivid and attractive research results.

We are looking forward to your paper submission and seeing you in Matsue, Shimane, Japan.

SCOPE OF THE SYMPOSIUM

ISOM'17 will discuss the current status of Optical Memory, Imaging, Sensing, and Other Related Technologies.

The scope of ISOM'17 is drastically changed 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

ONLINE SUBMISSION

A limited number of original papers are accepted for presentation. The paper has to be submitted as an Adobe PDF-file at the ISOM website (<http://www.isom.jp/>). ISOM web submission service does not accept PDF files including 2-byte characters (for example, Japanese, Chinese and Korean characters). The local fonts should be removed from the text body and figures before submission. The 2-page summary preparation, 35-word abstract instruction, and submission procedures can be obtained at the ISOM website. Prior to paper submission, a delegated author has to fill in submission information including the 35-word abstract on the paper submission form at the website, and then a 2-page PDF summary should be uploaded via the website.

Mode of Presentation

In addition to oral presentation, which typically consists of a fifteen-minute presentation and five-minute discussion, there will be a poster session in the symposium. The abstract and summary of poster papers will be published in the same fashion as those of oral papers.

Moreover, all authors can apply for “Demo Presentation” (presentation with technical demonstration) in addition to ordinary oral or poster presentation. ISOM will provide the environment for Demo Presentation and bear the transportation fee of demo equipment. Details will be announced after the paper acceptance notice.

Online Abstracts and Summaries Submission Deadline: June 2, 2017

Questions to the program committee should be addressed to the ISOM website (<http://www.isom.jp/>). The presentation schedule will be determined after the program committee has reviewed the papers. Authors will be notified by the beginning of July, 2017 whether their papers are accepted. The notification e-mail will be sent to the delegated author of the web-submission.

All authors who receive notification of their paper’s acceptance by the ISOM program committee are requested to complete the copyright transfer form and promptly return it to the ISOM secretariat by e-mail, fax or postal mail.

ISOM Awards

The best paper award, the special award, and the ISOM chair award will be conferred to the excellent presentations as the ISOM prizes. ISOM welcomes student presentations from universities. The best student paper award is also prepared.

PUBLICATION OF SYMPOSIUM PAPERS

Technical Digest will be available at the symposium including invited papers, accepted contributed papers, and limited numbers of post deadline papers. The conference papers will be published in September 2018 as a special issue of the Japanese Journal of Applied Physics (JJAP), which is the English-language journal of the Japan Society of Applied Physics (JSAP). The authors who will have, by themselves, presented papers at ISOM'17 will be allowed to submit their papers for publication in this special issue.

The instructions for preparation of manuscript and the agreement form for the special issue will appear on the ISOM website after the conference. Submitted papers will be reviewed based on the JJAP standard.

PRELIMINARY LIST OF INVITED SPEAKERS

- Prof. Li, Xiangping (Jinan Univ., China)
- Prof. Wang, Chih-Ming (Nat'l Dong Hwa Univ., Taiwan)
- Prof. Kimihiro Saito (Kindai Univ. Tech. College, Japan)
- Prof. Shinsaku Hiura (Hiroshima City Univ., Japan)
- Prof. Hiromasa Oku (Gunma Univ., Japan)
- Prof. Shinichi Komatsu (Waseda Univ., Japan)
- Prof. Yosuke Tanaka (Kyoto Inst. of Tech., Japan)

Further, more than 10 speakers related to many attractive topics are under negotiation.

REGISTRATION FEES

All participants (including speakers) are requested to register, and are encouraged to register in advance (by **October 8, 2017**) in order to receive the early registration discount.

I. Pre-registration

The Symposium registration information and forms can be obtained from ISOM'17 website (<http://www.isom.jp>). If you have any questions, please contact ISOM'17 secretariat office.

II. Onsite Registration

The registration desk will be located at the 3rd floor of "Kunibiki Messe" (Shimane Prefectural Convention Center) from Sunday through Wednesday during the following hours.

Oct. 22: 15:00 - 17:20

Oct. 23: 08:30 - 13:00

Oct. 24: 08:30 - 13:00

Oct. 25: 08:30 - 12:00

Type	Before / On October 8, 2017	Onsite
Regular	JPY 50,000	JPY 60,000
Student & Retiree	JPY 10,000	JPY 15,000
Banquet	JPY 5,000	JPY 7,000

The registration fee for the symposium includes admission to all the technical sessions and a Technical Digest. Students are asked for showing their ID cards.

III. Registration and Payment

Those who wish to attend ISOM'17 should register on the web (<http://www.isom.jp/>) after about August, 2017. The deadline for advance registration is **October 8, 2017**. After that, the registration will be processed at the symposium site upon arrival.

Payment should be made in Japanese Yen by bank transfer (inside Japan only) or by credit cards (VISA and Master Card) payable to ISOM'17. No personal checks will be accepted.

IV. Registration Cancellation Policy

As a rule, no refunds of the registration fee will be made for any reasons whatever. In the event of registrant unable to attend the symposium, a Technical Digest will be sent after the symposium.

ADDITIONAL INFORMATION

1. A get-together will be held in the evening of Oct. 22.
2. The banquet will be held on Oct. 24.
3. Special Sessions on "Computational Imaging", "Bio-Sensing by Modulated Light", and "Holography Applications" are planned for Oct. 23-25.

Detailed information will be announced in the Advance Program and on the ISOM website (<http://www.isom.jp/>).

To receive further information about ISOM'17, please access to ISOM website or directly contact the Secretariat.

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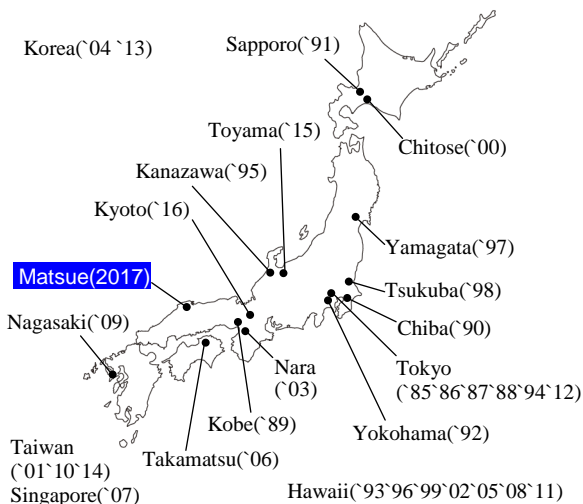
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Location of Matsue with past venues



ACCESS TO CONFERENCE SITE

< Access to Izumo Airport >

至「出雲空港」

From Haneda Airport: approx. 80 minutes.

自「羽田空港」

From Itami Airport: approx. 50 minutes.

自「伊丹空港」

From Fukuoka Airport: approx. 70 minutes.

自「福岡空港」

< Access to Yonago Airport >

至「米子空港」

From Haneda Airport: approx. 80 minutes.

自「羽田空港」

< From Izumo Airport to Matsue City >

自「出雲空港」



Limousine Bus:

Traveling time to JR Matsue Station is about 30 minutes.

< From Yonago Airport to Matsue City >

自「米子空港」



Limousine Bus:

Traveling time to JR Matsue Station is about 45 minutes.

< From Shin-Osaka Station to JR Matsue Station >

至「JR 松江駅」



Sanyo Shinkansen line: 「山陽新幹線」

(From Shin-Osaka to Okayama)



JR Express YAKUMO: 「JR 特急やくも」

(From Okayama to Matsue)

Traveling time is 3 hours 10 minutes.

< From Hakata Station to JR Matsue Station >

至「JR 松江駅」



Sanyo Shinkansen line: 「山陽新幹線」

(From Hakata to Okayama)



JR Express YAKUMO: 「JR 特急やくも」

(From Okayama to Matsue)

Traveling time is 4 hours 10 minutes.

< From JR Matsue Station to Kunibiki Messe >

自「JR 松江駅」

Walk 7 minutes from the station.

For more information, please refer to the following URL:

<http://www.kunibikimesse.jp/60.html>

HOTEL ACCOMMODATIONS

There are a lot of online booking sites in Japan. As the example, some of them are listed below. You can reserve your rooms in English at these sites. ISOM does not prepare any special blocks of rooms for the participants.

- JAPANiCAN.com
<http://www.japanican.com/>
- Japan Traveler Online
<http://japantraveleronline.com/>
- Rakuten Travel
<http://travel.rakuten.com/>
- Hotel Japan.com
<http://en.hoteljapan.com/>

Shown below are some candidate hotels near the ISOM'17 conference hall (Kunibiki Messe).

- Matsue Excel Hotel Tokyu
http://www.tokyuhotelsjapan.com/en/hotel/TE/TE_MATUE/index.html
- Hotel Ichibata
<http://www.ichibata.co.jp/hotel/stay/english.html>
- Matsue New Urban Hotel
<http://new.matsue-urban.co.jp/en/>
- Hotel ROUTE-INN Matsue
http://www.route-inn.co.jp.e.ut.hp.transer.com/language/hotel_detail.php?hotel_id=79
- Matsue Plaza Hotel
http://www.m-plazahotel.jp/annai/info_en.html
- Toyoko Inn Matsue Ekimae
http://www.toyoko-inn.com/e_hotel/00098/index.html



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