

IWH 2024

First call for papers

Dec. 10 to 12, 2024
Hawaii, USA

INTRODUCTION

International Workshop on Holography and related technologies (IWH2024) will be held in Hawaii, USA, from December 10 to 12, 2024. This is the 17th workshop which covers overall aspects on holography and related technologies, holographic memories, displays, holographic measurement, computer generated holograms and digital holography, ranging from their fundamental physics and technologies to practical systems. The first International Workshop on Holographic Memories (IWHM2007) was held in Penang, Malaysia. IWHM2008 and IWHM&D2009-2010 were successfully held in Japan, which include overall aspects on holographic memories and display. Since 2011, this workshop has extended the scope furthermore, and IWH covers the holographic display, holographic optical elements, as well as holographic memory. Last year, IWH2022 & 2023 was held at Fuzhou in China with great success. IWH2024 will be held with following association.

【Co-Organized】

- Institute of Industrial Science, the University of Tokyo (Under application)
- Optical Society of Japan (OSJ) (Under application)

【Sponsorship】

- Japan Optomechatronics Association (JOEM)
- Photonics division, The Japan Society of Applied Physics (Under application)
- Optical Society of Japan (OSJ) (Under application)

SCOPE

All topics related to holography including memories, displays, digital holography, computer generated holography, and holographic optical elements are going to be discussed, ranging from their basic physics and technologies to practical applications, such as materials, components, measurements, basic theory and physics, system design, simulations and devices. In what follows is the list of subject areas, which are not restrictive but suggestive:

1. Holographic Memory
2. Holographic Optical Elements
3. Computer Generated Holography
4. Digital Holography
5. Holographic Display
6. Meta-holography, Meta-lens, Meta-surface
7. Holography Arts and Design
8. Recording Materials
9. Signal Processing for Holography
10. Devices for Holography
11. Simulation for Holography
12. AR, MR, HUD and HMD with Holography
13. Applications
14. Related technologies to Holography



Paper submission deadline : Oct. 11, 2024

Website : <https://www.i-w-holography.org/>

Inquiry : iwh@i-w-holography.org

PROGRAM & LANGUAGE

The workshop is composed of a variety of sessions including keynotes, invited talks, contributed papers and poster sessions. From the contributed papers, some of them will be upgraded to the invited talks. Official language of the workshop is English.

SUMMARY PAPER

Authors are cordially invited to contribute papers related to holographic memories, display, digital holography, and related technologies.

Summary paper must be written in English and follow these guidelines:

1. Limit the length of the summary paper to 2 (two) pages, including figures, tables, results, discussion, and references.
2. Include the entire summary within a 17 cm. × 22 cm. rectangular area for offset reproduction on A4-size paper.
3. Center the title of the paper at the top of the page. It should be typed in capital bold letters. Below give the names of the authors, and on the next line the affiliation and address. Skip two lines and start the text. The text must be single-spaced. All letters should be no smaller than 11 point.
4. A template is available. Download from:
<https://www.i-w-holography.org/paper-submission/>
5. Save the summary paper in Portable Document Format (as a pdf file)
6. Paper submission is available on the web site. (There are two ways)
<https://www.i-w-holography.org/paper-submission/>
<Submission via Google Form> recommended
Fill in the blanks in "IWH 2024/Paper Submission Form" at the site above and submit it.
<Submission via E-mail> alternative
If you have any problems with submitting a paper from Google Forms, please submit the documents by email. Download "Submission Form" and submit your summary paper attached to this "Submission Form" by E-mail to the address below :
iwh_paper@i-w-holography.org (only for submission)
The deadline for submission is October 11, 2024.
7. Abstracts will be selected on the basis of their originality and the significance of the results. In addition, their importance to the workshop will be considered, and hence review, interpretive, and commentary papers are also welcome.

REGISTRATION

The organizers recommend pre-registration before November 18.

(Registration method will be informed later)

The following registration fees for the IWH2024 are applied.

	Early-bird registration fee before Nov. 18	Registration fee after Nov. 18
Regular	\$ 500	\$ 600
Student	\$ 200	\$ 300

All payments, should be made in US dollar and only credit card payment or bank transfer, and are non-refundable.

On-site registration should be made with cash in US dollar. The detail of which will be informed to the pre-registered participants through email.(A certificate will be sent to those who are registered later)

FURTHER INFORMATION & INQUIRY

Website : <https://www.i-w-holography.org/>

Inquiry : iwh@i-w-holography.org

COMMITTEE MEMBERS

General Chair

T. Shimura (Univ. Tokyo)

International Advisory committee

C. Sun (Natl. Central Univ.)
D. Psaltis (EPFL)
G. Jin (Tsinghua Univ.)
H. Yoshikawa (Nihon Univ.)
K. Hsu (Natl. Chiao Tung Univ.)
K. Kuroda (Utsunomiya Univ.)
L. Hesselink (Stanford Univ.)
M. Inoue (Toyohashi Univ. Tech.)
M. Yamaguchi (Tokyo Inst. Tech.)
O. Matoba (Kobe Univ.)
T. Ito (Chiba Univ.)
T. Nomura (Wakayama Univ.)
T. Kubota (Kubota Holography Lab.)
T. Yatagai (Utsunomiya Univ.)
Y. Awatsuji (Kyoto Inst. Tech.)
Y. Hayasaki (Utsunomiya Univ.)
Y. Sakamoto (Hokkaido Univ.)

Steering Committee Chair

T. Kasezawa (EGARIM)

Vice-chair

H. Horimai (EGARIM)

Members

H. Tabuchi (Okamoto Glass)
T. Nara (Okamoto Glass)

Program committee Chair

R. Fujimura (Utsunomiya Univ.)

Members

D. Barada (Utsunomiya Univ.)
K. Iwami (Tokyo Univ. Agri and Tech)
K. Matsushima (Kansai Univ.)
L. Cao (Tsinghua Univ.)
M. Bunsen (Fukuoka Univ.)
M. Takabayashi (Kyusyu. Inst. Tech.)
N. Hashimoto (CITIZEN)
S. Honma (Univ. Yamanashi)
T. Nara (Okamoto Glass)
T. Shimobaba (Chiba Univ.)
X. Lin (Fujian Norm. Univ.)
X. Tan (Fujian Norm. Univ.)
Y. Luo (Natl. Taiwan Univ.)
Y. Nakamura (Toyohashi Univ. Tech.)

Accountant

Auditors

(tentative)