

International Workshop on Holography and Related Technologies 2019

IWH 2019

First call for papers

November 5 to 7, 2019
Penang School of Toyohashi Tech
Jalan Biggs, Pulau Tikus,
10350 George Town, Penang, Malaysia

INTRODUCTION

International Workshop on Holography and related technologies (IWH2019) will be held at Penang School of Toyohashi Tech, Penang, Malaysia, from Nov. 5 to 7, 2019. This is the Thirteenth 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, IWH2018 was held at Suzhou, China with great success. IWH2019 is back to Penang, Malaysia where the birth place of this conference. IWH2019 is jointly organized by the following associations:

- Japan Optomechanics Association (JOEM)
- Optoelectronics Industry and Technology Development Association (OITDA)
- JSPS Amorphous and Nano-materials and Applications 147 Committee
- IEEE Magnetics Society Nagoya Chapter
- Photonics division, The Japan Society of Applied Physics (JSAP)
- Optical Society of Japan (OSJ)

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. Holography Arts and Design
7. Recording Materials
8. Signal Processing for Holography
9. Devices for Holography
10. Simulation for Holography
11. AR, MR, HUD and HMD with Holography
12. Applications



Paper submission deadline : Sept. 6, 2019

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

Inquiry : iwh2019@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. Download "Submission Form" from
<https://www.i-w-holography.org/paper-submission/>
and submit your summary paper attached to this "Submission Form" by E-mail to the address below :
iwh19_paper@i-w-holography.org (only for submission)
The deadline for submission is September 6, 2019.
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 October 10.

Download "Registration Form" from

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

and fill out the form and send it by E-mail to the address below :

iwh19_req@i-w-holography.org (only for registration)

The following registration fees for the IWH2019 are applied.

	Advance On or before Oct 10, 2019	Standard / On-site On or after Oct 11, 2019
Regular	¥ 40,000	¥ 50,000
Student	¥ 20,000	¥ 30,000

All payments, should be made in **Japanese Yen and only by bank transfer, and are non-refundable. On-site registration should be made with cash in Japanese Yen or Malaysia Ringgit.** The detail of which will be informed to the pre-registered participants through e-mail.

FURTHER INFORMATION & INQUIRY

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

Inquiry : iwh2019@i-w-holography.org

COMMITTEE MEMBERS

General Chair

M. Inoue. (Toyohashi Univ. Tech.)

International Advisory committee

L. Hesselink (Stanford Univ.)
K. Hsu Natl. (Chiao Tung Univ.)
G. Jin (Tsinghua Univ.)
T. Kubota (Kubota Holography Lab.)
K. Kuroda (Utsunomiya Univ.)
C. Sun (Natl. Central Univ.)
T. Yatagai (Utsunomiya Univ.)
H. Yoshikawa (Nihon Univ.)

Steering Committee Chair

Y. Nakamura (Toyohashi Univ. Tech.)

Vice-chair

H. Horimai (EGARIM)

Members

T. Kasezawa (EGARIM)
H. Tabuchi (Okamoto Glass)
R. Fujimura (Utsunomiya Univ.)
S. Mito (Tokyo college. NIT)
R. Hashimoto (Suzuka college. NIT)

Local steering committee Chair

P. B. Lim (Toyohashi Univ. Tech.)

Members

K. Matsuo (Toyohashi Univ. Tech.)
F. S. Khuan (TUT-Penang)

Program committee Chair

T. Shimura (Univ. Tokyo)

Members

Y. Awatsuji (Kyoto Inst. Tech.)
D. Barada (Utsunomiya Univ.)
L. Cao (Tsinghua Univ.)
N. Hashimoto (Citizen)
Y. Hayasaki (Utsunomiya Univ.)
S. Lin (Natl. Chiao Tung Univ.)
Y. Luo (Natl. Taiwan Univ.)
O. Matoba (Kobe Univ.)
K. Matsushima (Kansai Univ.)
T. Muroi (NHK)
T. Nomura (Wakayama Univ.)
X. Tan (Fujian Norm. Univ.)
T. Utsugi (Hitachi)
M. Yamaguchi (Tokyo Inst. Tech.)
H. Yamamoto (Utsunomiya Univ.)
Y. Yu (Feng Chia Univ.)

Accountant

H. Uchida (Toyohashi Univ. Tech.)

Auditors

Y. Usami (Farm ship)
A. Fukumoto (Tokyo Univ. Sci.)