



# Information Photonics 2024 (IP2024 )

IP is held at OPIC

April 24 (Wed) - 26 (Fri), 2024

Pacifico Yokohama, Japan

Submission Deadline: **January 4, 2024**

## Objective

Information photonics is a research and technology field that includes state-of-the-art methods, models, devices, implementation, and applications related to the utilization of optics and photonics in information society. The objective of this meeting is to bring together international scientists, researchers, engineers and students to discuss recent developments and future issues in the field of information photonics.

## Scope

Topics of interest include, but are not limited to the following:

- ◆ Optical computing
- ◆ Optical biomimetic computing
- ◆ Optical cryptology
- ◆ Electronic holography
- ◆ Holographic display
- ◆ Aerial display
- ◆ Near-to-eye display
- ◆ Digital holography
- ◆ Computational imaging
- ◆ Novel imaging
- ◆ Full-field optical coherence tomography
- ◆ Pump-probe imaging
- ◆ THz imaging
- ◆ Holographic data storage
- ◆ Appearance control
- ◆ AR (augmented reality)
- ◆ Fourier optics
- ◆ Optical and optoelectronic information processing
- ◆ Nanophotonic information system
- ◆ Holography and holography art
- ◆ Computer-generated hologram
- ◆ Novel display
- ◆ Quantitative phase imaging
- ◆ Optical, optoelectronic, optofluidic, and imaging devices
- ◆ Structured illumination imaging
- ◆ Novel camera
- ◆ Imaging in scattered medium
- ◆ Ultrafast imaging
- ◆ Adaptive optics
- ◆ Spatial light modulator
- ◆ Projection mapping
- ◆ Digital optics
- ◆ 3D display
- ◆ Volumetric display
- ◆ 3D display
- ◆ Head-up display
- ◆ Light-field imaging and display
- ◆ Polarimetric Imaging
- ◆ Compressive imaging
- ◆ Ptychography
- ◆ Digital phase conjugation
- ◆ X-ray imaging
- ◆ Optical memory
- ◆ Vision engineering
- ◆ AI Optics
- ◆ VR (virtual reality)

## Information for paper submission

Author will be requested to submit 2-page abstract written in English. Original papers that have not been previously presented and that describe new technical contributions to the areas covered by the scope will be accepted for presentation. The template can be downloaded from the conference website.

## Committee

- Conference Chair : Yoshio Hayasaki (Utsunomiya Univ.),  
Stephan Reichelt (Univ. of Stuttgart.)  
Jae-Hyeung Park (Inha Univ.)
- Steering Committee Chair : Yusuke Ogura (Osaka Univ.)
- Program Co-Chair : Yasuhiro Mizutani (Osaka Univ.)  
Koichi Nitta (Kobe Univ.)  
Enrique Tajahuerce (Univ. Jaume I)  
Jung-Ping Liu (Feng Chia Univ.)

## Organized by

The Group of Information Photonics, OSJ

Contact us: ip2024contact@i-photonics.jp



<http://www.i-photonics.jp/IP24>

Please visit website for more information.