

Information Photonics

2022

IP2022 is held at OPIC
April 20 (Wed) to April 22 (Fri), 2022
Hybrid format: Pacifico Yokohama, Japan + Online
Paper Deadline: **February 4 (Fri) 2022**

Deadline extended!

Objective

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

Scope

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

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

Submission of papers

Authors 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. Papers should be submitted electronically, no later than **February 4 (Fri)**. A detailed instruction and the paper template are available from the following Web site: <http://www.i-photonics.jp/IP22/>

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