

# OIE'23

The Fourteenth  
Japan-Finland Joint Symposium on  
Optics in Engineering

Aug.28 - Sep.1 2023  
Hamamatsu, Japan

Lappeenranta 1995, Tsukuba 1997, Kajaani 1999, Suita 2001, Saariselkä 2003, Sapporo 2005, Tampere 2007, Tokyo 2009, Turku 2011, Utsunomiya 2013, Joensuu 2015, Niigata/Sado 2017, Espoo/Tallinn 2019

## The 14th Japan-Finland Joint Symposium on Optics in Engineering (OIE2023) August 28 (Mon.) – September 1 (Fri.), 2023, in Hamamatsu, Japan

OIE is an international joint meeting that follows up the line of the thirteen symposia held so far in Lappeenranta 1995, Tsukuba 1997, Kajaani 1999, Suita 2001, Saariselkä 2003, Sapporo, 2005, Tampere 2007, Tokyo 2009, Turku 2011, Utsunomiya 2013, Joensuu 2015, Niigata/Sado 2017, and Espoo/Tallinn 2019. The 14th symposium, which was initially scheduled to be held in 2021, will be held this year in Hamamatsu, after twice one-year postponements due to the impact of COVID.



*Hamana-ko lake in Hamamatsu*

The symposium series aims to provide a timely forum for presenting the latest novel and innovative works on new photonics, technologies, and device applications, and to promote the interaction between Finnish and Japanese scientists working in the fields of pure and applied optics and photonics.

### Important Dates

Submission deadline	<b>Apr. 21st (Fri.)</b>
Acceptance notification	<b>May. 1st (Mon.)</b>
two-page abstract	<b>Jun. 16th (Fri.)</b>
Early-bird registration	<b>Jun. 16th (Fri.)</b>
Registration deadline	<b>Jul. 7th (Fri.)</b>
Symposium	<b>Aug.28 - Sep.1</b>

### Scope

The symposium covers, but is not restricted to, the following topics:

- Imaging and image processing
- Optical interferometry
- Laser science and engineering fundamentals, measurements, design, and applications
- Semiconductor lasers and related devices
- Quantum optics, laser spectroscopy, and their applications
- Nonlinear optics
- Optical material and fabrication techniques
- Micro-optics, integrated and guided-wave optics, and optical MEMS
- Optical switching, computing, and information processing
- Holography, digital holography, 3D imaging, and display
- Optical data storage
- Laser chemistry, material, and biological applications
- Nano-optics including near-field optics in biology and chemistry
- Novel optics including photonic crystals
- Metamaterials

### Submission

People who want to make a presentation at OIE2023 should send the title and 100-words abstract of the presentation, using the submission form. It can be downloaded from the submission web page. Please fill it out and send it by **April 21st**.

The submission web page:

<https://www.gpi.ac.jp/contents/OIE2023/submission.html>

All presenters are required to submit a two-page abstract, in addition to the 100 words abstract. The deadline for two-page abstracts is **June 16th**. The abstract template can also be downloaded from the submission webpage.

## Second Call for Papers – OIE2023

### Registration

All participants must register through the registration site, which is scheduled to be opened on **May 10th**. There is an early bird discount for conference fees. All attendees are strongly encouraged to register by the early-bird registration deadline, **June 16th**. There are two types of participation: short and long. Both types include presentations and lab tours. The long type contains a discussion of Finnish-Japanese cooperation in the field of optics.

Conference fee (on or before June 16th)

	Short	Long
General	<b>70,000 JPY</b>	<b>90,000 JPY</b>
Senior	<b>45,000 JPY</b>	<b>65,000 JPY</b>
Student	<b>35,000 JPY</b>	<b>55,000 JPY</b>
Accompanying person	<b>20,000 JPY</b>	<b>40,000 JPY</b>

Please refer to the OIE2023 website for further information such as the details of registration and the symposium program.

### Paper submission

The committee is discussing the OIE Special Edition with the Editorial Board of the Optical Review. The presenters will be able to submit their papers to this OIE special edition. Details will be announced as soon as they are decided.

### Venue

ACT CITY Hamamatsu Congress Center  
(5 minutes walk from Hamamatsu Station)  
<https://www.actcity.jp/english/facility/congress/>

### Committee

#### General Chair:

Katsuhiro Ishii (*GPI*)

#### Co-Chair:

Pekka Hänninen (*University of Turku*)

Yoshio Hayasaki (*Utsunomiya University*)

#### International Organizing Committee:

Yoshihisa Aizu (*Muroran Institute of Technology*)

Tapio Fabritius (*University of Oulu*)

Nathan Hagen (*Utsunomiya University*)

Kenji Harada (*Kitami Institute of Technology*)

Erkki Ikonen (*Aalto University*)

Yusuke Ogura (*Osaka University*)

Kai-Erik Peiponen (*University of Eastern Finland*)

Jarkko Saarinen (*University of Eastern Finland*)

Takamasa Suzuki (*Niigata University*)

Jun Uozumi (*Hokkai-Gakuen University*)

Erik Vartiainen (*Lappeenranta University of Technology*)

Masayuki Yokota (*Shimane University*)

#### Local Organizing Committee:

Ryohei Hanayama (*GPI*)

Neisei Hayashi (*GPI*)

Wataru Inami (*Shizuoka University*)

Atsushi Ono (*Shizuoka University*)

Atsushi Sugita (*Shizuoka University*)

Yasuki Takeuchi (*Hamamatsu Photonics*)

Koyo Watanabe (*Hamamatsu Photonics*)

### Co-Hosts

The Graduate School for the Creation of New Photonics Industries (GPI)  
<https://www.gpi.ac.jp/english/>

innovative Photonics Evolution Research Center (iPERC)  
<https://www.iperc.net/en/>

### Contact

E-mail: [oie2023@gpi.ac.jp](mailto:oie2023@gpi.ac.jp)

Web: <https://www.gpi.ac.jp/contents/OIE2023/>

See you in Hamamatsu!! / Nähdään Hamamatsussa!!



Web site:



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