



International Topical Meeting on Information Photonics 2008

November 16-20, 2008

Awaji Yumebutai International Conference Center
Hyogo, Japan

Paper submission deadline had been extended to May 31, 2008.

Organized by the Group of Information Photonics of the OSJ

Sponsored by the OSJ (The Optical Society of Japan (JSAP))

Endorsed by the ICO (International Commission for Optics)

the OSK (Optical Society of Korea)

the IEICE (Institute of Electronics, Information and Communication Engineers)

the LSJ (Laser Society of Japan)

the EOS (European Optical Society)

the JOEM (Japan Optomechatronics Association)

Committee Chair Members:

Organizing Committee

Jun Tanida

Program Committee

Tsutomu Shimura, Osamu Matoba

Local Executive Committee

Daisuke Miyazaki, Yoshio Hayasaki

Meeting Scope:

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.

Meeting Highlights

Plenary Speakers

Masatoshi Ishikawa, The University of Tokyo, Japan

Yeshaiahu Fainman, University of California, San Diego, USA

Alan Huang, Terabit Cooperation, USA

Ting-Chung Poon, Virginia Polytechnic Institute
and State University, USA

Paper Submission Deadline: May 31, 2008

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Akiko Hirai (AIST, Japan)
Ken Yuh Hsu (National Chiao Tung University, Taiwan)
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Yoshimasa Kawata (Shizuoka University, Japan)
Hisao Kikuta (Osaka Prefecture University, Japan)
Kashiko Kodate (Japan Women's University, Japan)
Shinichi Komatsu (Waseda University, Japan)
Tsuyoshi Konishi (Osaka University, Japan)
Robert Magnusson (University of Connecticut, USA)
Thomas Naguhton (Ireland National University, Ireland)
Makoto Naruse (NICT, Japan)

Fumio Okano (NHK, Japan)
Jun Ohta (NAIST, Japan)
Wolfgang Osten (Universität Stuttgart, Germany)
David Plant (McGill University, Canada)
Ting-Chung Poon (Virginia Tech, USA)
Philippe Refregier (Institut Fresnel, France)
Joseph Rosen (Ben Gurion University of Negev, Israel)
Yunlong Sheng (University of Laval, Canada)
Kehra Singh (ITT Delhi, India)
Jung-Young Son (Hanyang University, South Korea)
Mohamed Taghizadeh (Heriot-Watt University, UK)
Yasuhiro Takaki (Tokyo University of Agriculture and Technology, Japan)
Hiroyuki Tsuda (Keio University, Japan)
Norimichi Tsumura (Chiba University, Japan)
Naoya Wada (NICT, Japan)
Hiroshi Yoshikawa (Nihon University, Japan)
Masahiro Yamaguchi (Tokyo Institute of Technology, Japan)
Leonid P. Yaroslavsky (Tel Aviv University, Israel)
Nobukazu Yoshikawa (Saitama University, Japan)
Hongchen Zhai (Nankai University, China)

Meeting Topics and Invited Speakers:

1. Physics of Information Photonics and Optics

Wei Wang (Heriot-Watt University) and Mitsuo Takeda (The Univ. of Electro-Communications)

2. Optical Computing, Optics in Computing

Ken Yuh Hsu (National Chiao Tung University, Taiwan)

3. Computational Optical Sensing and Imaging

Wolfgang Osten, Susanne Zwick, Tobias Haist, Giancarlo Pedrini (Universität Stuttgart, Germany) Jun Tanida (Osaka University, Japan)

4. Holography, Quantum Holography, Digital Holography,

Applications of Holography

George Barbastathis (MIT, USA)

Yoshio Hayasaki (The University of Tokushima, Japan)

5. Advanced Visual Information Photonics and Optics

Byoung-ho Lee (Seoul National University, South Korea)

Fumio Okano (NHK, Japan)

6. Bio-Optics, Bio-Photonics, High Resolution Imaging, Vision

David Brady (Duke University, USA)

7. Quantum Optics and Quantum Information

8. Time and Frequency Domain Photonic Signal Processing

9. Optical Metrology and Microscopy

10. Optics and Photonics Devices Technologies

Stefan Sinzinger (Technische Universität Ilmenau, Germany)

11. Applications of Information Photonics and Optics

Jesper Glückstad (Technical University of Denmark, Denmark)

12. Other topics related to Information Photonics and Optics

Official Language:

The official language of the meeting is English, which will be used for all printed material, presentations and discussions.

Technical Program:

The IP2008 technical program will consist of plenary sessions, regular sessions with oral presentations and poster sessions.

Information of Abstract and Manuscript Submission:

A selected number of contributed papers will be accepted for presentation. Authors are requested to submit a *50-word Abstract* and a *two-page manuscript* electronically via the IP2008 web site (<http://ip2008.i-photonics.jp/>) by May 31, 2008.

50-word Abstract

Abstracts should be a maximum of 50 words of text. If accepted, these will be printed in the Advanced Program. Abstracts longer than 50 words will be shortened by the program committee for the Advanced Program.

Two-page Manuscript

Authors are required to submit electronically an original *two-page manuscript* in PDF format. Authors can download a template in MS Word via the web site. Accepted papers will be published in the Technical Digest. For the layout of the manuscript, please see the guidelines given in the web site.

Copyright Transfer Agreement

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Notification of Acceptance

Authors will be notified electronically of the acceptance of their paper by August, 2008.

Post Deadline Papers

A limited number of post deadline papers will be accepted. A *50-word abstract* and *2-page manuscript* should be submitted. Please see the web site for further information.

Registration:

You are welcome to register to attend IP2008 via the web site(<http://ip2008.i-photonics.jp/>).

The regular participant's fee includes admission to all the technical sessions, the get together party, the banquet and the excursion, and a copy of the Technical Digest.

The student participant's fee includes admission to all the technical sessions and the get together party, and a copy of the Technical Digest. A limited number of tickets for the banquet may be purchased at the reception desk.

The accompanying person's fee includes admission to the get together party, the banquet, and the excursion.

Category and Fee	On and before October 17	After October 18
Regular Participant	50,000 yen	60,000 yen
Student Participant	15,000 yen	20,000 yen
Accompanying Person	15,000 yen	15,000 yen

Accommodation:

The Westin Awaji Island Hotel is located next to the International Conference Center, and other hotels are listed in <http://www.yumebutai.org/english/guide/stay.html>.

You can make your hotel reservation via the IP2008 web site(<http://ip2008.i-photonics.jp/>).

Social Program:

We would like to invite you to the IP2008 Banquet which is to be held in the Plant museum. Please join us for this opportunity to mingle with your fellow participants! Date: Tuesday, November 18.

An excursion is planned for the afternoon of November 18. This will be a tour to Himeji Castle, which, in December 1993, became the first site in Japan to be registered as a world cultural heritage site by UNESCO and enjoys the highest international reputation of all Japanese castles.



Venue:

Awaji Island is located in the Seto Inland Sea and is easily accessible from Kobe and Osaka via the Akashi Kaikyo Bridge. The Awaji Yumebutai International Conference Center is a resort and is surrounded by a rich natural environment.

Awaji Yumebutai International Conference Center
<http://www.yumebutai.org/english/index.html>



Access Map:



Further Information:

Secretariat of IP2008: ip2008secretariat@i-photonics.jp