

Call for Papers

ALPS '13



The 2nd Advanced Lasers and Photon Sources Conference

Co-located with Optics & Photonics International Congress 2013

<http://alps2013.riken.jp/>

*Sponsored & Organized by
The Laser Society of Japan, LSJ*



April 23 (Tue.) – 25 (Thu.), 2013
Pacifico Yokohama
Yokohama, Japan

Paper Deadline: Dec. 20 (Tue.) 2012

OBJECTIVE

The 2nd Advanced Lasers and Photon Sources Conference (ALPS'13) will be held at Pacifico Yokohama, Yokohama, Japan on April 23-25, 2013 in the frame of the Optics & Photonics International 2013 Congress, which consists of ten optics-related scientific conferences. The ALPS is intended to provide an international forum for the recent progress of lasers and photon sources covering the fundamental research to industrial applications. During the congress, Optics and Photonics International Exhibition is held jointly at the congress site.

SCOPE

The 2nd Advanced Lasers and Photon Sources Conference covers the recent progress and foresight of lasers and photon sources in the following major topical fields:

- **High average laser and light sources:**

Solid state lasers, fiber lasers, semiconductor lasers and material processing (ablation, surface modification, nanofabrication) etc.

- **High peak power lasers and applications:**

Ultrashort-pulse lasers, high intensity lasers, high field phenomena, high harmonic generation, attosecond pulses, quantum beam generation (electrons, ions and secondary particles such as positrons, neutrons, isotopes), and their applications, etc.

- **High energy light sources and applications:**

X-ray free electron lasers, plasma x-ray lasers, hard x-ray and gamma-ray sources, and their applications, etc.

- **Nonlinear optics and applications:**

Nonlinear optical materials, nonlinear frequency conversion, THz sources, and their applications, etc.

- **Optical devices and techniques for bio and medical applications:**

Linear and nonlinear microscopy, imaging and tomography, clinical diagnostics, photodynamic therapy, etc.

SUBMISSION OF PAPERS

Original papers that have not been previously presented and that describe new technical contributions to the areas covered by the technical descriptions in the aforementioned scope will be accepted for presentation.

A detailed instruction will be available from the following Web site:

<http://alps2013.riken.jp>

Papers should be submitted electronically, **no later than Dec.20, 2012**. Authors will be requested to submit 2-page paper written in English, including text, figures, tables, and references within a frame of 17 cm x 24 cm. The paper template will be available through the Web site.

POSTER SESSION

In addition to regular oral presentation sessions, poster presentation session will be planned to stimulate detailed explanation and discussion. The author(s) of papers will be informed of the size of bulletin board for displaying summary, figures, tables, etc., when selected as poster papers.

OFFICIAL LANGUAGE

The official language of ALPS '13 is English.

INVITED TALKS

Invited talks will be announced by the end of September.

* The invited speaker list will be updated in the conference website.

REGISTRATION

Registration Fees (Membership *)

	Before/On Mar. 22, 2013	After Mar. 23, 2013
Conference (General)	¥35, 000	¥40, 000
(Student, Retiree)	¥15, 000	¥20, 000

*) Member of organizer, sponsor and cooperative societies

Registration Fees (Nonmember)

	Before/On Mar. 22, 2013	After Mar. 23, 2013
Conference (General)	¥40, 000	¥45, 000
(Student, Retiree)	¥18, 000	¥23, 000

**OPTICS & PHOTONICS International Congress 2013
(OPIC 2013)**

The ten international conferences held simultaneously.
By registering for this conference, you can participate in all international conferences.

(Include the planned)

- The 2nd Laser Display Conference'13 (LDC'13)
- Conference on Laser Surgery and Medicine 2013 (CLSM2013)
- International Conference on High Energy Density Science 2013 (HEDS 2013)
- Conference on Laser and Accelerator Neutron Sources and Applications 2013 (LANSA'13)
- International Symposium on Laser Processing for CFRP and Composite Materials 2013 (LPCC'13)
- International Conference on Sensing Technologies for Bio-material, Food and Agriculture 2013 (SeTBio'13)
- Conference on Laser Application to Nuclear Engineering '13 (LANE'13)
- The 1st Laser Ignition Conference 2013 (LIC'13)
- Conference on LED and its Industrial Application '13 (LEDIA'13)

OPIC2013 Web site <http://opicon.jp>

EXHIBITION

OPTICS & PHOTONICS International 2013 Exhibition will be held simultaneously on April 24 (Wed)-26 (Fri) at Pacifico Yokohama.

FURTHER INFORMATION

The latest information on the conference will be presented on the Web site:

<http://alps2013.riken.jp>

ALPS '13 COMMITTEE MEMBERS

CONFERENCE CHAIR

Katsumi Midorikawa (RIKEN, Japan)

STEERING COMMITTEE

Co-Chairs

Shuji Sakabe (Kyoto Univ., Japan)

Members

Noriaki Miyanaga (ILE. Osaka Univ., Japan)
Fumihiko Kannari (Keio Univ., Japan)
Akira Suda (TUS, Japan)
Norihiro Nishizawa (Nagoya Univ., Japan)
Hiroaki Minamide (RIKEN, Japan)
Hajime Nishioka (UEC, Japan)
Katsuya Oguri (NTT, Japan)

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Hajime Nishioka (UEC, Japan)
Norihiro Nishizawa (Nagoya Univ., Japan)
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Jorge J. Rocca. (Colorado State Univ., USA)
Shuji Sakabe (Kyoto Univ., Japan)
Akira Suda (TUS, Japan)

SECRETARIAT

Yutaka Nagata (RIKEN, Japan)

LOCATION OF CONFERENCE SITE

The ALPS'13 takes place at Pacifico Yokohama, Yokohama city, Kanagawa prefecture, JAPAN. Yokohama city, the center of Kanagawa prefecture is located south of Tokyo. Pacifico Yokohama is conveniently located about 40 min. by Limousine Bus from Haneda Airport and 90 min. from Narita Airport.

Pacifico Yokohama

1-1-1 Minato Mirai, Nishi-ku, Yokohama 220-0012, Japan

<http://www.pacifico.co.jp/english/index.html>

Transportation Guide: TEL +81-45-221-2166

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