

Call for Papers

# ALPS '12



## The 1st Advanced Lasers and Photon Sources

Co-located with Optics & Photonics International 2012

<http://alps2012.riken.jp/>

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



**April 26 (Thu.) – 27 (Fri.), 2012**  
Pacifico Yokohama  
Yokohama, Japan

**Paper Deadline: Dec. 20 (Tue.) 2011**

## OBJECTIVE

The 1st Advanced Lasers and Photon Sources" Conference (ALPS'12) will be held at Pacifico Yokohama, Yokohama, Japan on April 26-27, 2012 in the frame of the Optics & Photonics International 2012 Congress, which consists of five 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 application. During the congress, Optics and Photonics International Exhibition is held jointly at the congress site.

## SCOPE

The 1st Advanced Lasers and Photon Sources covers the recent progress of lasers and photon sources in the following major topical fields;

- **High average power lasers and applications:**  
Solid state lasers, fiber lasers, semiconductor lasers, laser ablation, and material processing, etc.
- **High peak power lasers and applications:**  
Ultrashort lasers, high intensity lasers, high field phenomena, high harmonic generation, and attosecond pulses, etc.
- **High energy light sources and applications:**  
X-ray free electron lasers, hard x-ray and gamma ray sources, and medical applications, etc.
- **Nonlinear optics and applications:**  
Nonlinear optical materials, nonlinear frequency conversion, THz sources, and applications, 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://alps2012.riken.jp/>**

Papers should be submitted electronically, **no later than Dec.20, 2011**. 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.



## **REGISTRATION**

### **Registration Fees**

	Before/On Mar. 26, 2012	After Mar. 26, 2012
Conference (General)	¥35, 000	¥40, 000
(Student, Retiree)	¥15, 000	¥20, 000
Extra Copy of Digest	¥6, 000	¥6, 000

### **OPTICS & PHOTONICS International Congress 2012 (OPIC 2012)**

The five international conferences held simultaneously.

By registering for this conference, you can participate in all international conferences.

- The 1st Advanced Laser & Photon Source (ALPS'12)
- The 1st Laser Display Conference'12 (LDC'11)
- Conference on Laser Surgery and Medicine (CLSM2012)
- International Conference on High Energy Density Science 3012 (HEDS 2012)
- Conference on Laser Inertial Fusion Energy

And it will be held the International laser strategy symposium in the main hall on April 24 (Wed).

OPIC2012 Web site <http://opicon.jp/>

### **EXHIBITION**

OPTICS & PHOTONICS International 2012 Exhibition will be held simultaneously on April 24 (Wed)-27 (Fri) at Pacifico Yokohama.

### **FURTHER INFORMATION**

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

<http://alps2012.riken.jp/>

## **ALPS '12 COMMITTEE MEMBERS**

### **CONFERENCE CHAIR**

Katsumi Midorikawa (RIKEN, Japan)

### **STEERING COMMITTEE**

#### ***Co-Chairs***

Noriaki Miyanaga (ILE Osaka Univ., Japan)  
Kazuhisa Yamamoto (Osaka Univ.)

#### ***Members***

Fumihiko Kannari (Keio Univ., Japan)  
Masanori Hangyo (Osaka Univ., Japan)  
Hidetoshi Nakano (Toyo Univ., Japan)  
Hajime Nishioka (UEC, Japan)  
Shuji Sakabe (Kyoto Univ., Japan)  
Takunori Taira (IMS, Japan)

### **PROGRAM COMMITTEE**

#### ***Co-Chairs***

Fumihiko Kannari (Keio Univ., Japan)

#### ***Members***

Christopher P. J. Barty (LLNL, USA)  
Tso Yee Fan (MIT, USA)  
Masanori Hangyo (Osaka Univ., Japan)  
Ruxin Lee (SIOM, China)  
Noriaki Miyanaga (ILE Osaka Univ., Japan)  
Hidetoshi Nakano (Toyo Univ., Japan)  
Chang Hee Nam (KAIST, Korea)  
Johan Nilsson (Univ. Southampton, UK)  
Hajime Nishioka (UEC, Japan)  
Shuji Sakabe (Kyoto Univ., Japan)  
Evgeni Sorokin (TUW, Austria)  
Takunori Taira (IMS, Japan)

### **SECRETARIAT**

Yutaka Nagata (RIKEN, Japan)

## LOCATION OF CONFERENCE SITE

The LDC'12 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>

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