

2nd Call for Papers

# LPCC2013



## International Symposium on Laser Processing for CFRP and Composite Materials 2013

Co-located with Optics & Photonics International

Congress 2013

***In cooperation with***

Japan Laser Processing Society  
The Laser Society of Japan  
Nagoya Laser Technopole  
Advanced Laser and Process Technology  
Research Association (ALPROT)

***SECRETARIAT***

Japan LPCC Society(JALPC)

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

Abstract Deadline: Jan. 31 (Thu.) 2013

Manuscript Deadline: Feb. 28 (Thu.) 2013

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## OBJECTIVE

CFRP and other composite materials have recently been widely used in industries such as transportation equipment, construction and gadgets for sports. This is due to the unique properties of these materials, to say nothing of low specific gravity and high mechanical strength.

International Symposium on Laser Processing for CFRP and Composite Materials 2013 (LPCC2013) is being organized to share information on composite materials and laser processing of CFRP and other composite materials. The conference will be held at Pacifico Yokohama, Yokohama, Japan, on April 23-25, 2013 with the sponsorship of the Japan Laser Processing Society, and The Laser Society of Japan in cooperation with several academic societies and associations. The LPCC2013 is intended to provide a central forum for the update and review of scientific and technical information on laser processing of CFRP and other composite materials.

## SCOPE

LPCC2013 covers laser processing of CFRP and other composite materials in the following major topical fields;

- A. Applications and properties of CFRP and other composites
- B. Material processing of CFRP and other composites
- C. Lasers used for processing CFRP and other composites
- D. Laser cutting, trimming, drilling and ablation for composite materials
- E. Joining and welding for composite materials
- F. Process control and sensing for laser processing
- G. Simulation and analysis of laser processing for composite materials
- H. Applications of laser processing of composite materials

## SUBMISSION OF ABSTRACTS

Abstracts of paper should be submitted electronically through the Web site: <http://opicon.jp/submission/>, no later than Jan 31, 2013. Abstracts should be prepared within 300 words in English. They also should provide the following information;

- Main author's name, affiliation, full address, e-mail address and phone number
- Title of paper
- Category (select one from topical fields A.-H. described above)
- Keyword(s) : less than 5 words
- Abstract : less than 300 words

The template is available at the Web site.

All abstract and papers will be reviewed. The acceptance will be notified to the main author by Feb 10, 2013.

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## SUBMISSION OF MANUSCRIPT

Manuscript of papers should be submitted electronically no later than Feb 28, 2013, after receiving notification of acceptance. Author(s) will be requested to submit 4-8 pages (invited paper) or 2-6 pages (regular paper) manuscript written in English, including text, figures, tables, and references within a frame of 17cm x 24cm. The paper template and other details of the submission are available through the Web site.

## OFFICIAL LANGUAGE

The official language of LPCC2013 is English.

## 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

### 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 will be held simultaneously.

By registering for this conference, you can participate in all international conferences. (Include the planned)

- The 2nd Advanced Lasers and Photon Sources (ALPS'13)
- 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 (LPCC2013)
- 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.

## **LPCC2013 COMMITTEE MEMBERS**

### **CONFERENCE CO-CHAIR**

Ogata Hitoshi (Advanced Laser and Process  
Technology Research Association: ALPROT)  
Lin Li (Univ.of Manchester)  
D. Kracht ( Laser zentrum Hannover )

### **STEERING & PROGRAM COMMITTEE**

Chair: Seiji Katayama (Osaka Univ.)

Co-Vice chairs:

Masayuki Fujita (Institute for Laser Technology)  
Hiroyuki Niino (AIST)

Members:

Yoshihisa Harada (AIST)  
Tadatake Sato (AIST)  
Masahiro Tsukamoto (Osaka Univ.)  
Takahisa Mano (ALPROT)  
Yasuhiro Yamaguchi (KYC Japan)  
Hirohito Hira (Daido Univ.)  
Yoshimasa Kawata (Shizuoka Univ.)

Advisor:

Muneharu Kutsuna (chairman of Nagoya Laser Institute)

### **SECRETARIAT**

Yoichi Tenda (ALPROT) [tenda@alprot.or.jp](mailto:tenda@alprot.or.jp)

## LOCATION OF CONFERENCE SITE

The LPCC2013 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

Information: TEL +81-45-221-2155

FAX +81-45-221-2136

