

Call for Papers Pacific Rim Laser Damage 2018

High-power/high-energy lasers, materials and thin films, durability, properties modeling, testing, and component fabrication.



Abstracts Due 14 December 2017

Call for Papers

SPIE. | PACIFIC RIM SIOM | LASER DAMAGE

24-27 APRIL 2017

Pacifico Yokohama
Yokohama, Japan

On behalf of the Conference Chairs and the International Program Committee, we invite you to participate by submitting your abstract to the Pacific-Rim Laser Damage Symposium: Optical Materials for High Power Lasers. We are organizing a leading international conference, like SPIE Laser Damage in Boulder, Colorado, for presenting novel and fundamental advances in the fields of optical materials for high power lasers. We also intend to provide an excellent opportunity for researchers to communicate efficiently and to exchange information on new problems, solutions, and technologies in the field of laser damage as well as optical materials. We hope that this conference will contribute to the enhancement of understanding between attendees and facilitate closer collaborations among participating researchers.

We urge you to participate by submitting your abstracts, and to encourage your colleagues to do the same.

Conference Chairs:



Takahisa Jitsuno,
Osaka Univ.
(Japan)



Jianda Shao,
Shanghai Institute
of Optics and Fine
Mechanics (China)



Wolfgang Rudolph,
The Univ. of New
Mexico (USA)

The sixth Pacific Rim Laser Damage: Optical Materials for High Power Lasers Symposium will address the field of laser damage and optical materials in the following areas:

Session 1:

LASER DAMAGE OF OPTICAL MATERIALS

- High power laser damage, UV through IR
- Ultrafast through CW laser irradiation effects
- Laser ablation and laser machining
- High laser damage resistant coatings
- Defects, contamination, polishing, and surface damage
- Characterization techniques and measurement protocols
- Mechanisms, modeling, and simulations.

Session 2:

ADVANCED OPTICAL MATERIALS

- Nonlinear laser crystals
- Laser ceramics
- Optical glasses and fibers.

The conference will include both oral and poster presentations. Well-known experts, scholars, and entrepreneurs from all over the world will give excellent invited talks. Take this opportunity to present and publish your work with SPIE.

The proposed program for this symposium is scheduled for three days, enabling the participants to have an open exchange of their ideas through active participation and contributions.

VENUE

PACIFICO Yokohama, which is located in the waterfront area of the Minato Mirai 21 district, a new town in Yokohama, is one of the largest convention complexes in the world. The beautiful exterior, designed to bring to mind ocean waves, wind, and sunlight, has become the new symbol of the historic and cosmopolitan city of Yokohama.

TRAVEL TO YOKOHAMA

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.

REGISTRATION

Conference preregistration will open in early 2018 and will be accessible on the OPIC website www.opticon.jp

VISA APPLICATION

If you need a travel visa, begin the visa application process now. Strict security requirements may cause delays in visa processing. It is strongly encouraged travelers apply for their visas as early as possible. Please visit the OPIC website for visa information and links www.opticon.jp.

International Program Committee:

Efim A. Khazanov, Federal Research Ctr., Institute of Applied Physics (Russian Federation)

Zhi M. Liao, Lawrence Livermore National Lab.(USA)

Zunqi Lin, Shanghai Institute of Optics and Fine Mechanics (China)

Yongfeng Lu, Univ. of Nebraska-Lincoln (USA)

Jean-Yves Natoli, Institut Fresnel (France)

Valdas Sirutkaitis, Vilnius Univ. (Lithuania)

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Christopher J. Stolz, Lawrence Livermore National Lab. (USA)

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**Submit Abstracts by
14 December 2017
www.spie.org/pld18call**