

First Call for Papers

LEDIA '18



The 6th International Conference on Light-Emitting Devices and Their Industrial Applications

Co-located with Optics & Photonics International Congress 2018

<http://ledia.opicon.jp/>

Sponsored by
Akasaki Research Center (ARC), Nagoya University

In cooperation with

The Illuminating Engineering Institute of Japan (IEIJ)

Japan LED Association (JLEDS)

Optoelectronics Industry and Technology Development Association (OITDA)

The 125th Committee on Mutual Conversion between Light and Electricity, Japan Society for the Promotion of Science

The 162nd Committee on Wide Bandgap Semiconductor Photonic and Electronic Devices, Japan Society for the Promotion of Science

April 25 (Wed.) – 27 (Fri.), 2018

Pacifico Yokohama

Yokohama, Kanagawa, Japan

Paper Deadline: Dec. 14 (Thu.), 2017

INTRODUCTION

Light-emitting diodes (LEDs) and laser diodes (LDs) have been attracting much attention for the application to solid-state lighting. In order to meet the rapid increase in the application fields, the discussion opportunities between the device developers and material scientists are required. We are pleased to announce that the 6th International Conference on Light-Emitting Devices and Their Industrial Applications (LEDIA '18) will be held at Pacifico Yokohama, Kanagawa, Japan, on April 25 - 27, 2018. LEDIA '18 provides a platform for scientists and engineers to discuss progress and future trends in the rapidly advancing science and technology of wide bandgap semiconductors for light-emitting devices and their applications. Their applications into visible and ultraviolet LEDs and LDs are also included in the scope of this meeting. LEDIA '18 is sponsored by Akasaki Research Center (ARC), Nagoya University.

SCOPE

LEDIA '18 covers the wide-bandgap semiconductors and LED/LD technologies in the following major topical fields;

A. Wide bandgap semiconductors

Growth of GaN-based materials, oxides for LED, GaN, AlN, ZnO and their related substrates

B. Fabrication of LEDs and its process

White, UV, visible and IR LEDs and LDs, including micro cavity and photonic crystals

C. Characterization of LEDs and their related materials

Quantum efficiency, efficiency droop, luminescence, color conversion

D. Industrial application of LEDs/LDs

Solid-state lighting, display, LED/LD integration, agricultural applications

E. Novel materials and device structures for solid-state lighting

Inorganic/organic hybrid materials for solid-state lighting, quantum dot, plasmon

Program

The conference has invited, oral and poster session. The OPIC reception will be held at the evening on April 23. This timetable is tentative, so that latest information on the conference will be presented on the Web site:

<http://ledia18.opicon.jp/>

LEDIA '18 (Tentative program at a glance)

	Apr. 25 (Wed.)	26 (Thu.)	27 (Fri.)
9:00		Invited	Invited
10:00		Oral Session	Oral Session
11:00			
12:00		Lunch	Lunch
13:00	Opening	Oral Session	Invited
14:00	Special Session		
15:00	Oral Session	Break	Oral Session
16:00	Break		
17:00	Oral Session	Poster Session	Oral Session
			Tutorial
			Closing



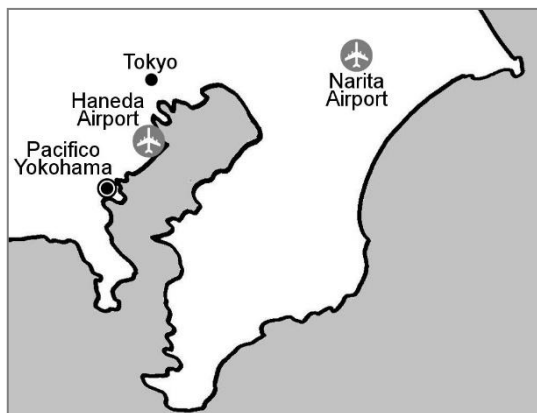
LOCATION OF CONFERENCE SITE

From oversea

The LEDIA '18 takes place at Pacifico Yokohama, Yokohama city, Kanagawa prefecture, JAPAN. Yokohama city, the center of Kanagawa prefecture is located in the south of Tokyo. Pacifico Yokohama is conveniently located about 30 minutes from Tokyo International Airport (Haneda) and about 100 minutes from Narita International Airport. Direct Airport Limousine to Pacifico Yokohama is available.

For more information, please visit the following URL:

<http://www.pacifico.co.jp/english/destination/access/tabid/502/Default.aspx>



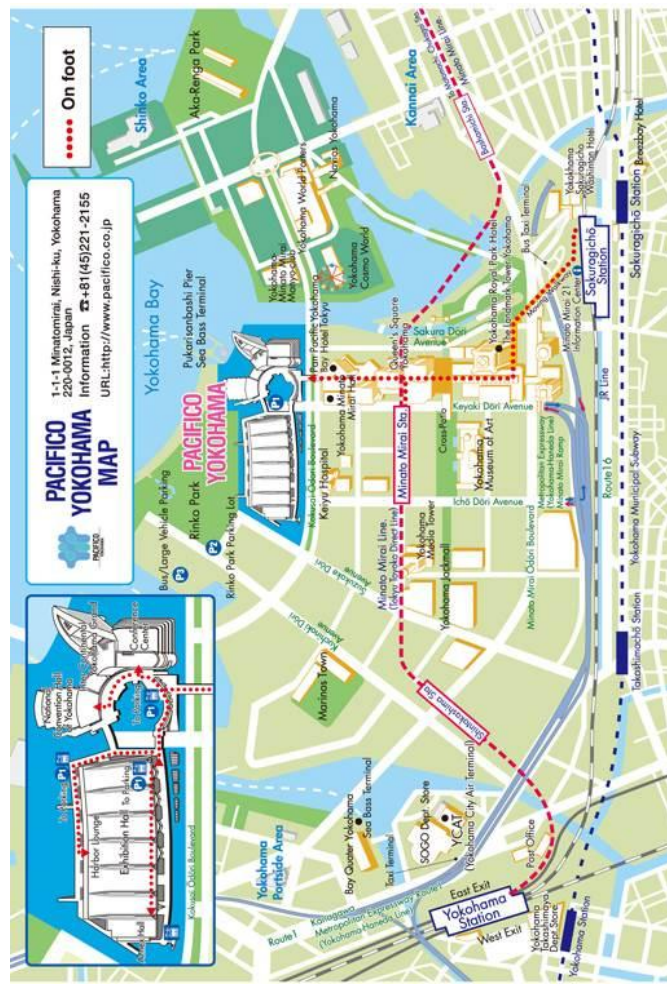
Access from the nearest stations

1. **Minato Mirai Line:** 3-minute walk from “Minato Mirai Station”
2. **JR or Subway Line:** 12-minute walk, 7 minutes by bus or 5 minutes by taxi from “Sakuragicho Station”
3. **Sea Bass (boat):** 10 minutes from “Yokohama Station”

Pacifico Yokohama

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

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



SUBMISSION OF PAPERS

Abstract deadline: December 14, 2017.

Authors will be requested to submit **1-2 page** abstract written in English, within a frame of 17 cm x 24 cm. The abstract will be published as the electronic abstract book. The first section should be a short summary (not more than 35 words), which will be open to OPIC participants.

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. Accepted abstracts will be offered either a poster or an oral presentation as determined by the program committee.

Papers should be submitted electronically, **no later than December 14, 2017**. A detailed instruction and the paper template are available from the following Web site:

<http://ledia.opicon.jp/submission/>

OFFICIAL LANGUAGE

The official language of LEDIA '18 is English.

ORAL PRESENTATIONS

The time allotted to each presentation will be:

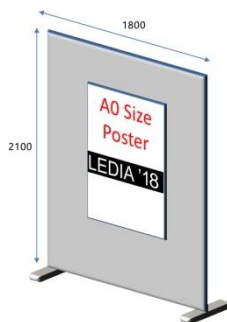
Invited Talks: 25-minute talk + 5-minute discussion.

Contributed Talks: 10-minute talk + 5-minute discussion.

Short Presentations: 3-minute talk without discussion.

POSTER PRESENTATIONS

In addition to regular oral presentation sessions, poster presentation session will be planned to stimulate detailed explanation and discussion. The size of the poster board is 180 cm in a width and 210 cm in a height. We recommend the authors to use A0 size (84.1 cm in a width, 118.9 cm in a height) paper/cloth to prepare their posters. Necessary tools for pinning the posters will be provided.



PAPER AWARD

A few papers will be selected for the "Paper Award" for young researcher. Around 10 papers will be nominated for the award based on the program committee's ratings of the abstracts. The paper award will be judged from their presentations and will be announced at the closing session (April 27, Friday).

EXHIBITION

OPTICS & PHOTONICS International Exhibition 2018 will be held simultaneously on April 25 (Wed) - 27 (Fri) at Pacifico Yokohama.

OPTICS & PHOTONICS INTERNATIONAL CONGRESS 2018 (OPIC 2018)

Fourteen international conferences are going to be held simultaneously. By registering for LEDIA '18, you can participate in all international conferences.

- ALPS'18 (The 7th Advanced Lasers and Photon Sources)
- BISC'18 (The 4th Biomedical Imaging and Sensing Conference)
- CLES/LANSA'18 (Conference on Laser Energy Science)
- HEDS2018 (International Conference on High Energy Density Science 2018)
- ICNN2018 (International Conference on Nano-photonics and Nano-optoelectronics 2018)
- IoT2018 (IoT Enabling Sensing/Network/AI and Photonics Conference)
- IDC2018 (Laser Display and Lighting Conference 2018)
- LIC2018 (The 6th Laser Ignition Conference 2018)
- LSC2018 (Conference on Laser and Synchrotron Radiation Combination Experiment 2018)
- LSSE2018 (Laser Solutions for Space and the Earth 2018)
- OMC'18 (The 5th Optical Manipulation Conference)
- PLD2018 (Pacific Rim Laser Damage 2018)
- SLPC2018 (The 3rd Smart Laser Processing Conference 2018)
- XPOT'18 (International Conference on X-ray optics and Applications 2018)

OPIC2018 Web site: <http://opicon.jp/>

REGISTRATION

Registration Fees (Membership *)

	Before/On Apr. 5, 2018	After Apr. 6, 2018
Conference (General)	JPY55,000	JPY60,000
(Student, Retiree)	JPY18,000	JPY21,000

*) Member of organizer, sponsor and cooperative societies, see <http://opicon.jp/registration/member/>

Registration Fees (Nonmember)

	Before/On Apr. 5, 2018	After Apr. 6, 2018
Conference (General)	JPY65,000	JPY70,000
(Student, Retiree)	JPY21,000	JPY23,000

Registration includes

- Access to the Plenary Sessions on April 23, 2018, all the other conferences and exhibition from April 25 to 27, 2018.
- A printed copy of OPIC2018 program and a copy of the conference abstract that you have registered.

*Note: Conference registrants can purchase extra copies of other Conference abstracts for JPY3,000 each.

***) Online registration will be started in December 15, 2017.

<http://opicon.jp/registration/online-registration/>



PAYMENT

Payment should be made by no later than April 10, 2018. Payment Method will be by Credit Card or PayPal through online. On-site registration is available, but very limited. We recommend the online payment in advance.

ACCOMMODATION

Accommodation information has been provided by OPIC. Please access below web site.

<http://opicon.jp/travel/accommodation/>

CANCELLATION

No refund will be made for cancellations for any reason. If the registered participant is unable to attend, a substitute participant may be allowed provided prior notification is made to the OPIC2018 Secretariat, 2018 or a copy of OPIC2018 program booklet and the conference abstracts of your choice will be mailed to the registered address upon request.

On-site registration not be available, please apply in advance.

PASSPORT AND VISA

All foreign visitors entering Japan must possess a valid passport. Participants from countries required a visa to enter Japan should obtain one from his/her nearest Japanese embassy or consulate in due time. Please contact workshop secretary for requesting documents to be issued by the conference for visa application (invitation letter, etc.).

*) Visa support will be given only to those whose papers are accepted for paper/poster presentations.

***) For information about Japanese visas, please visit

<http://opicon.jp/registration/visa/>

FURTHER INFORMATION

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

<http://ledia18.opicon.jp/>

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