

Final Call for Papers

LEDIA2020



The 8th International Conference on Light-Emitting Devices and Their Industrial Applications

Co-located with
Optics & Photonics International Congress 2020

<https://opicon.jp/conferences/ledia>

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

Apr. 21 (Tue.) – 23 (Thu.), 2020
Pacifico Yokohama
Yokohama, Kanagawa, Japan

Paper Deadline: Jan. 16 (Thu.), 2020

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 8th Conference on Light-Emitting Devices and Their Industrial Application (LEDIA2020) will be held at Pacifico Yokohama, Kanagawa, Japan, on April 21 - 23, 2020. LEDIA2020 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 LEDs and their applications. Their applications into visible and ultraviolet LEDs and laser diodes (LDs) are also included in the scope of this meeting. LEDIA2020 is sponsored by Akasaki Research Center (ARC), Nagoya University.

SCOPE

LEDIA2020 covers the wide-bandgap semiconductors and LED/LD technologies in the following major topical fields;

Scope1	Light-Emitting Diodes
Scope2	Laser Diodes
Scope3	Photodetectors and Solar Cells
Scope4	Epitaxial Growths
Scope5	Extended Wavelength Devices
Scope6	Novel Fabrication Processes
Scope7	Novel Characterization Methods
Scope8	Novel Materials and Devices
Scope9	Industrial Application

OFFICIAL LANGUAGE

The official language of LEDIA2020 is English.

Program

The conference includes invited, oral and poster sessions. The OPIC reception will be held at the evening on April 20, 2020. Latest information on the conference will be presented at the website:

<https://opicon.jp/conferences/ledia>

SUBMISSION OF PAPERS

Abstract deadline: January 28, 2020

Authors will be requested to submit **2-page** abstracts written in English, within a frame of 17 cm x 24 cm. The abstract should include author information, manuscript, figures and tables. All accepted abstracts will be published in the electronic version of the abstract book.

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.

Papers should be submitted electronically, **no later than January 28, 2020**. Only PDF files are acceptable. A detailed instruction and the paper template are available from the following Web site:

<https://opicon.jp/submission>

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.

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. The short presentation of a few minutes will be planned prior to the poster session.

PAPER AWARD

A few papers will be selected for the "Paper Award" for young researchers. 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 announced at the closing to be held on the last day. (April 23, Thursday).

EXHIBITION

OPTICS & PHOTONICS International Exhibition 2020 will be held simultaneously on April 22 (Wed) - 24 (Fri) at Pacifico Yokohama.

OPTICS & PHOTONICS INTERNATIONAL CONGRESS 2020 (OPIC 2020)

Fourteen international conferences are going to be held simultaneously. By registering for LEDIA2020, you can participate in all international conferences.

ALPS2020 (The 9th Advanced Lasers and Photon Sources)
BISC2020 (The 6th Biomedical Imaging and Sensing Conference)
HEDS2020 (International Conference on High Energy Density Science 2020)
ICNN2020 (International Conference on Nano-photonics and Nano-optoelectronics 2020)
IoT-SNAP2020 (IoT Enabling Sensing/Network/AI and Photonics Conference 2020)
LDC2020 (Laser Display and Lighting Conference 2020)
LSC2020 (Conference on Laser and Synchrotron Radiation Combination Experiment 2020)
LSSE2020 (Laser Solutions for Space and the Earth 2020)
OMC2020 (The 7th Optical Manipulation and Structured Materials Conference)
OPTM2020 (Optical Technology and Measurement for Industrial Applications 2020)
OWPT2020 (Optical Wireless and Fiber Power Transmission Conference 2020)
PLD2020 (Pacific Rim Laser Damage 2020)
SLPC2020 (The 4th Smart Laser Processing Conference)
XOPT2020 (International Conference on X-ray Optics and Applications 2020)

OPIE2020 Web site: <https://www.opie.jp/en/>

Registration

Online registration will be started on December 18, 2019. Further information will be provided by OPIC. Visit OPIC website:

<https://opicon.jp/ja/registration/online>



ACCOMMODATION

Accommodation information will be provided by OPIC. Please access below web site. Hotel Reservation deadline is March 19, 2020.

<http://www.pacifico.co.jp/english/destination/stay/tabid/505/Default.aspx>

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

https://www.mofa.go.jp/j_info/visit/visa/index.html

FURTHER INFORMATION

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

<https://opicon.jp/conferences/ledia>

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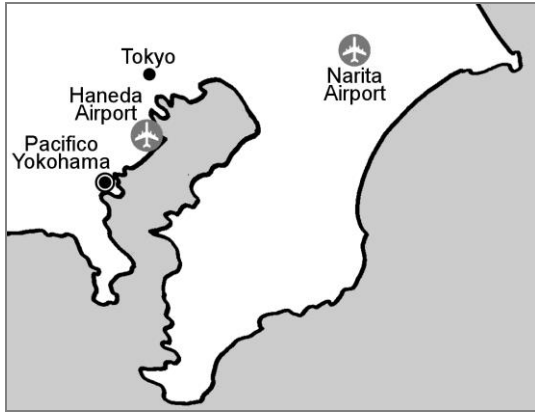
Bo Monemar (Likoping Univ./ Lund Univ.)

Akihiko Yoshikawa (Chiba Univ.)

LOCATION OF CONFERENCE SITE

From oversea

The LEDIA2020 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. from Haneda Airport*) and 90 min. from Narita Airport**). Airport Limousine Bus direct to PACIFICO Yokohama is available.



*) From Haneda Airport
Keikyu Bus (40 min.)

<http://www.keikyu-bus.co.jp/keikyu-bus/airport/guide.html>

**) From Narita Airport
AirportLimousine (90 min.)

<http://www.limousinebus.co.jp/en/>



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/>

