

Call for Papers

OWPT2020



The 2nd Optical Wireless and Fiber Power Transmission Conference

April 21 (Tue.) - 23 (Thu.), 2020
PACIFICO Yokohama, Japan

<https://owpt.opicon.jp/>

Sponsored by

*Optical Wireless Power Transmission Committee,
The Laser Society of Japan*

In cooperation with

- Study Group of Optical Wireless Power Transmission
- JSPS The 125th Com. on Mutual Conversion between Light and Electricity
- JSPS The 130th Com. on Optoelectronics
- JSPS The 162nd Com. On Widegap Semiconductor Devices*
- JSPS The 175th Com. on Innovative Photovoltaic Power Generating Systems
- IEEJ Survey Committee on High Power Light Source System Technology
- IEICE Technical Committee on Lasers and Quantum Electronics
- The Optical Society of Japan
- JSAP Microoptics Group*
- JSAP Photonics Division*

*Under negotiation



OWPT2020 will be held as one of conferences of the
OPTICS & PHOTONICS International Congress 2020
(OPIC2020).

Paper Deadline: Jan. 28 (Tue.), 2020

INTRODUCTION

The Optical Wireless and Fiber Power Transmission Conference (OWPT) is an international conference on optical wireless power transmission, optical fiber power transmission, and related technologies.

The 2nd Optical Wireless and Fiber Power Transmission Conference (OWPT2020) will be held on April 21 (Tue.) - 23 (Thu.), 2020 in Pacifico Yokohama, Yokohama, Japan as one of the conferences of the OPTICS & PHOTONICS International Congress 2020 (OPIC2020).

The OWPT Conference is intended to provide a central forum for updating and reviewing scientific and technical information on optical wireless power transmission and optical fiber power transmission by covering a wide range of fields from fundamental researches to systems and applications.

This conference is sponsored by the Optical Wireless Power Transmission Committee, The Laser Society of Japan in cooperation with several academic societies and associations.

SCOPE

Optical wireless and fiber power transmission conference covers optical power transmission technologies and its related subjects as shown in the following fields;

A. Devices and components

Light sources, Solar cells / photovoltaic devices, Optical components, Modules, Theory, Design, Material, and Fabrication process etc.

B. Systems and subsystems

Optical wireless / fiber power transmission, Non-optical wireless power transmission, Communication for optical power transmission, and Safety system etc.

C. Applications

IoT, Consumer/industrial equipment, Automotive and vehicles, Drone, Robot, Medical implantable, Under water, Harsh environment, and Space solar power system etc.

D. Others

Standardization, Regulations, and Novel / emerging topic related to the OWPT conference.

PLENARY TALKS

Under negotiation

SPECIAL TALKS

Under negotiation

INVITED TALKS

Under negotiation

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 conference scope will be accepted for presentation. A detailed instruction will be available from the conference Web site.

<https://owpt.opicon.jp/>

Papers should be submitted through the below Web site no later than **Jan. 28 (Tue.), 2020**. Authors will be requested to submit **2-page paper** written in English, including text, figures, tables, and references. The paper template will be available through the Web site.

<https://owpt.opicon.jp/paper-submission/>

POSTER SESSION

In addition to regular oral presentation sessions, poster presentation session will be planned to stimulate detailed explanation and discussion. Each author is requested to display materials on a **W90cm x H210cm (tentative)** bulletin board when selected as poster papers. Presenters should display the paper title, authors and affiliations on their poster.

POST DEADLINE PAPERS (*Under consideration)

A limited number of post deadline (PD) papers will be accepted for presentation at post deadline sessions. Latest significant results obtained after the regular deadline are most welcome. Submission deadline of PD papers are under consideration.

CONFERENCE VENUE

The OWPT2020 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>



REGISTRATION

Registration Fees (Membership) (Tentative)

	Before/On Apr. 7, 2020	After Apr. 7, 2020
General	¥56, 000	¥61, 000
Student, Retiree	¥19, 000	¥22, 000

Registration Fees (Nonmember) (Tentative)

	Before/On Apr. 7, 2020	After Apr. 7, 2020
General	¥66, 000	¥71, 000
Student, Retiree	¥22, 000	¥24, 000

In OPTICS & PHOTONICS International Congress 2020 (OPIC2020), 15 international conferences are going to be held simultaneously. By registering for OWPT2020, you can participate in all international conferences, but abstract of other conferences are not included.

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

EXHIBITION

OPTICS & PHOTONICS International Exhibition (OPIE'20) will be held simultaneously on April 22 (Wed) - 24 (Fri), 2020 at PACIFICO Yokohama.

OFFICIAL LANGUAGE

The official language of OWPT2020 is English.

FURTHER INFORMATION

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

<https://owpt.opicon.jp/>

CONTACT

Please contact from Web site.

<https://owpt.opicon.jp/contact/>

or

Tomoyuki Miyamoto,
OWPT2020 Conference co-chair

FIRST, IIR, Tokyo Institute of Technology
4259 Nagatsuta, Midori-ku, Yokohama 226-8503, Japan
Phone: +81-45-924-5059
Email: tmiyamot@pi.titech.ac.jp

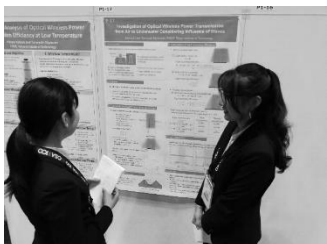
RESULTS OF OWPT2019

The 1st Optical Wireless and Fiber Power Transmission Conference (OWPT2019) was held on April 23 (Tue.) - 25 (Thu.), 2019 in Yokohama, Japan, at PACIFICO Yokohama.

<https://owpt.opicon.jp/owpt2019/>

Number of Papers: 56
Invited: 11, Contributed: 45
Domestic: 40, Overseas: 16

Number of Participants: 90
Domestic: 66, Overseas: 24



OWPT2020 COMMITTEE MEMBERS

Organizing Committee

Conference Co-chairs

T. Miyamoto (Tokyo Tech)

Members

T. Maruyama (Kanazawa Univ.)
M. Matsuura (Univ. Electro-Communications)
M. Arai (Univ. of Miyazaki)
T. Kageyama (QD Laser, Inc.)
N. Mori (Yamashita Denso. Corp.)
K. Nakada (Tokyo Tech)
T. Tayagaki (AIST)
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A. Ishibashi (Hokkaido Univ.)
T. Kageyama (QD Laser, Inc.)
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W. Kubo (TUAT)
S. Miyajima (Tokyo Tech)
N. Mori (Yamashita Denso. Corp.)
K. Ogawa (Japan Women's Univ.)
S. J. Sweeney (University of Surrey)
T. Takeuchi (Meijo Univ.)
T. Tayagaki (AIST)
S. Uchida (Chiba Inst. Tech.)
Y. Ushida (Toyoda Gosei)
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