

CALL FOR PAPERS

Laser Display and Lighting Conference 2019
(LDC2019)



LDC 2019
Laser Display and Lighting Conference
Pacifico Yokohama, Japan April 2019

Laser Display and Lighting Conference 2019

Introduction

The Laser Display and Lighting Conference (LDC) is an international conference on laser displays, laser lighting, and related technologies. The 1st, 2nd, 4th, and 6th, 7th LDC were held in Yokohama, Japan in 2012, 2013, 2015, 2017 2018 respectively, and the 3rd in Taichung, Taiwan in 2014, the 5th in Jena, Germany in 2016. The 8th Laser Display and Lighting Conference (LDC2019) will be held on April, 23th - 26th, 2019 in Yokohama, Japan, at Pacifico Yokohama.

The LDC2019 is intended to provide a central forum for the update and review of scientific and technical information on laser display and lighting covering a wide range of fields from fundamental research to systems and applications. The conference is sponsored by the Optical Society of Japan in cooperation with several academic societies and associations.

For details, please come to our web-site;

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

Chairs

Conference chair	co-chair	Kazuo Kuroda
	co-chair	Hiroshi Murata
Steering committee	co-chair	Kazuhisa Yamamoto
	co-chair	Norihiro Ohse
Program committee	co-chair	Tetsuya Yagi
	co-chair	Sunao Kurimura
	co-chair	Fergal Shevlin
	co-chair	Shining Zhu

Sponsors

Sponsored by
The Optical Society of Japan

Co-Sponsored by
The Japan Society of Applied Physics

Organized by
Laser Display Technology Group (LDT) of Optical Society of Japan (OSJ)

In cooperation with
The Laser Society of Japan
Consortium of Visible Laser Diode Applications

Co-located conferences

Optics and Photonics International Congress (OPIC) 2019 is a FOUR day event, including THIRTEEN cutting edge conferences. OPIC 2019 provides access to the very latest products, research and initiatives in the optics and photonics sector. It also offers you the opportunity for face-to-face interaction with those driving the future of optics and photonics technology. And Optics and Photonics International Exhibition (OPIE) 2019, an exciting trade and technology exhibition featuring leading players from across the globe, will be held at the great hall next to the conferences place. That may bring you good opportunities to touch the state of the art products and technologies in the sector. By registering for LDC 2019, you can participate in all international conferences.

Important deadlines

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Regular Paper Submission: 14th December 2018

Postdeadline Paper Submission: 1st March 2019

Early Registration: 8th April 2019

Contact Us

LDC 2019 Secretariat Desk
ldc[at]opicon.jp

Scope

LDC 20179 covers the laser display / lighting technology in the following major topical fields:

A. Lasers and light sources

Visible lasers, LED, Solid-state light sources, Phosphor, Fluorescent materials, Wavelength conversion materials, Optoelectronic materials

B. Optical components

Spatial light modulator, High-speed scanner, MEMS, Active-matrix integration, Projection components, Display drivers and interfaces

C. Imaging / Lighting Technologies and Devices

Projector, 3D imaging, Holography, Head worn display, Eyewear, Laser backlight unit

D. Image / Lighting Quality and Human Vision

Speckle, Color speckle, Image quality evaluation, Color reproduction, Color management, Color appearance, Eye safety, Laser safety

E. Systems and Applications

Projection TV, LCD, 3D, Projector, Head mounted display, Eyewear, Lighting technology, Touch technology, Biomedical imaging, Industrial imaging, Laser entertainment, AR, VR, MR, XR, Wearables

F. Laser Applications for Automotive

Headlight, Rear light, Fog light, Rear fog light, Head up display, Console display, Light carpet, LiDAR, Vehicle communication, Environment sensor

G. Novel and emerging technologies

Joint session

The session for lasing wavelength expansion is held with cooperation of LEDIA (Conference on Light-Emitting Devices and Their Industrial Applications) committee.

Plenary Session

Under negotiation

Basically, TWO talks are planned, one is focused on the light source and the other on the system.

Invited Talks

Under negotiation

LDC2019 Special Issue of Optical Review

The special issue on Laser Displays will be published in Nov/Dec, 2019 issue of OPTICAL REVIEW, the journal edited by the LDC committee and is distributed by Springer. All the authors of LDC2019 are strongly encouraged to submit the original papers to the special issue. Please note that all submissions will be peer-reviewed following the editorial policy of OPTICAL REVIEW. The submissions from invited speakers are also welcome. Manuscript should follow Optical review submission guidelines "Instructions for Preparation of Manuscript" and be submitted in the electronic form on the internet.

Submission Deadline: TBD (E. May, 2019)

A detailed instruction will be available from the following Web site:
<http://myosj.or.jp/en/publication/optical-review/>

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