

# Call for Paper

## Laser Solutions for Space and the Earth 2025

### Conference

April 22-25, 2025, Pacifico Yokohama, Yokohama, Japan

### Objectives

The aim of “Laser Solutions for Space and the Earth” (LSSE) is to discuss the application of emerging laser technologies to solve various problems for sustainable developments of space and the earth.

The featured topics in LSSE2025 are “Carbon Neutral”, “Space Technology”, “Remote Sensing” and “Industrial Application” and “Agri-Photonics”. “Agri-Photonics” are joint session with FAAP2025 (the Future of Agriculture and Advanced Photonics) that is new conference for the fusion of science and technology for sustainable food production. We have some keynote lectures and many invited talks.

LSSE2025 is collaborated with OPIC2025<sup>1)</sup> (Optics & Photonics international Congress 2025). OPIC is the largest conference in OPTICS and PHOTONICS in Japan with more than 10 conferences in addition to LSSE. You can also participate in OPIC2025 by participating in LSSE2025.

We are looking forward to seeing you all in Yokohama!

### Topics (Scope of LSSE2025)

- Carbon Neutral
  - Biochemical application
  - Nuclear application
- Space technology
  - Lasers in Space
  - Laser debris deorbit
  - Optics for space technology
- Remote sensing
  - Inspection of Infrastructures by Quantum beam (Neutron source, Laser, etc)
  - Laser induced breakdown spectroscopy
- Industrial application
  - Extreme condition
  - Robotics
  - Processing
- • • and more

## **Official Language**

English

## **Important dates**

- Submission Site Open, 16 October 2024
- Submission Deadline 18 December 2024
- Registration Site Open, 19 January 2025
- Program Site Open, 3 February 2025
- Early Bird Registration, 7 April 2025

1) OPIC2025, <https://opicon.jp/>