Call for Papers

Submission Deadline : 22 December 2025

Laser Solution for Space and the Earth 2026 (LSSE2026)

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 of **LSSE2026** include "Carbon Neutral", "Space Technology", "Carbon Neutral and Renewable Energy", "Remote Sensing and Environmental Monitoring", and "Industrial Application and Nuclear Application".

LSSE2026 will also feature a planned session on "Laser Acceleration," which will focus on emerging particle acceleration schemes and their applications in space propulsion and radiation source development. The program will include several keynote lectures and numerous invited talks by leading experts in the field.

TOPICS / SCOPE

- ***Space Technology***
  - Lasers in Space
  - Laser Debris Deorbit
  - Optics for Space Technology
- ***Carbon Neutral and Renewable Energy***
  - Biochemical Application
  - Nuclear Applications
- ***Remote sensing and Environmental Monitoring***
  - Inspection of Infrastructures by Quantum beam (Neutron source, Laser, etc)
  - Laser Induced Breakdown Spectroscopy
- ***Industrial Application and Nuclear Application***
  - Extreme Condition
  - Robotics
  - Infrastructures
- ***Laser Acceleration (Special Planned Session)***
  - Laser Acceleration

Conference Chair : **Satoshi WADA** RIKEN, Japan

LSSE2026 is collaborated with **OPIC2026** (Optics & Photonics international Congress 2026). 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 **OPIC2026** by participating in **LSSE2026.**

LSSE2026 is now accepting your abstracts!

https://opicon.jp/conferences/lsse/

OPIC OPTICS & PHOTONICS International Congress **2026**