Submission Deadline : 22 December 2025

Future of Agriculture and Advanced Photonics 2026 (FAAP2026)

OBJECTIVES

FAAP2025 (Future of Agriculture and Advanced Photonics) aims to promote the fusion of science and technology for sustainable food production, focusing on Agri Photonics and its integration with advanced fields.

Main objectives:

1. Share advances and applications of optical technology in agriculture.
2. Promote integration of biotechnology, robotics, IT, AI, and DX for new agricultural models.
3. Advance sustainable agriculture while addressing environmental impacts.
4. Facilitate international information exchange and collaboration on the future of agriculture.

TOPICS / SCOPE

- ***Agri Photonics: Optical Technologies for Agriculture***
  - Laser Technology in Agriculture
  - Sensing Technology for Agriculture
  - Plant Factory with Artificial Light
- ***Integration of Advanced Science and Technology***
  - Biotechnology
  - Robotics, Drones
  - IT, and AI
  - Digital Transformation (DX)
- ***Innovations for Sustainable Agriculture***
  - Smart Agriculture
  - Photosynthesis
  - Eco-Friendly Technology
  - Satellite-Based Sensing Technology

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

FAAP2026 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 FAAP. You can also participate in **OPIC2026** by participating in **FAAP2026.**

FAAP2026 is now accepting your abstracts!

https://opicon.jp/conferences/faap/

OPIC OPTICS & PHOTONICS International Congress **2026**