

20th ICREA Open Forum (ICREA) • 21th Global Plasma Forum (cLPS)

Japan-France Collaborative Seminar on Plasma Agriculture

2026
June 8

Venue: Ohkuma Hall, Ohkuma Building, Nagoya University

Moderator: Prof. Hiromasa Tanaka (Center for Low-temperature Plasma Sciences, Nagoya University)

Speakers



Prof. Joao Santos Sousa

Laboratory of Physics of
Gases and Plasmas (LPGP),
University of Paris-Saclay



Dr. Mana Nakata

International Center for Research
and Education in Agriculture,
Nagoya University



Dr. Kenichi Inoue

Center for Low-temperature
Plasma Sciences,
Nagoya University



Visiting Prof. Yukio Yokoi

International Center for Research
and Education in Agriculture,
Nagoya University

Program

- 15:00~15:45 (JST)
07:00~07:45 (CET) **The role of short- and long-lived reactive species on the anti-cancer action of plasma-activated liquids: in vitro and in vivo applications**
Prof. Joao Santos Sousa
- 15:45~16:30 (JST)
07:45~08:30 (CET) **Potential of Plasma Agriculture: Effects of Plasma Irradiation on Crop Growth and Stress Responses**
Dr. Mana Nakata
- 16:30~16:45 (JST)
08:30~08:45 (CET) **Break Time**
- 16:45~17:30 (JST)
08:45~09:30 (CET) **Understanding Plasma-Plant Interactions via Radical Analysis**
Dr. Kenichi Inoue
- 17:30~18:00 (JST)
09:30~10:00 (CET) **Open discussion and final remarks**
Visiting Prof. Yukio Yokoi