



# Call for Papers

## ISPlasma2016/IC-PLANTS2016

8th International Symposium on  
Advanced Plasma Science and its Applications for Nitrides and Nanomaterials /  
9th International Conference on Plasma-Nano Technology & Science

**March 6 - 10, 2016**

**Nagoya University, Nagoya, Japan**

### Organizing Committee

**Chairperson: Hiroshi Amano**, Nagoya University

**Vice-Chairperson: Masaru Hori**, Nagoya University

**Hideto Miyake**, Mie University

**Mineo Hiramatsu**, Meijo University

ISPlasma/IC-PLANTS is a specialized international symposium that brings together about 1,000 world-leading scientists and engineers in Nagoya, Japan to discuss latest researches in the fields of advanced plasma science, its applications for processing and manufacturing of nitrides and nanomaterials, as well as new systems for technology transfers. This symposium will address issues such as global warming, resources and energy problems to which advanced plasma science and its application technologies can greatly contribute. In this symposium biosensing technologies will be also highlighted, because of their increasing importance in healthcare, agri-food and environmental areas. We hope that this symposium will provide an ideal venue for the exchange of new ideas and information, and also support the initiation or further development of international collaborations among those who work in these multidisciplinary fields.

#### **Nitride Semiconductors**

- Crystal Growth of GaN & Related Materials
- MBE Growth & Nitrogen Source
- Characterization
- Device Processing
- Optical & Optoelectronic Devices
- Electron & Power Devices

#### **Plasma Science & Technologies**

- Plasma Source
- Modeling & Simulation
- Thin Film Deposition Process
- Flexible Electronics
- Plasma Agriculture
- Advanced Plasma Diagnostics
- Plasma in Liquid
- Etching Process
- Plasma Biology & Medicine
- Plasma for Nano & Green Technologies

#### **Nanomaterials**

- Nanodots & Nanoparticles
- Nanotubes, Nanowires & Nanorods
- 2D Nanomaterials
- Porous Materials & Membranes
- Composites & Functionally Grade Materials
- Surface Modification & Functionalization
- Applications for Energy, Environment, Nanomedicine & Sensing

#### **Biosensing**

- Detection Technologies
- Optical Devices, Bioimaging
- Electrochemical Devices
- Biosensors
- Biomarkers & Biosensor Surfaces
- Fabrication Technologies
- Biomaterials
- Biodevices,  $\mu$ TAS, Lab on a Chip

### ● ABSTRACT SUBMISSION

Online abstract submission (one-page English) will be available from

<http://www.isplasma.jp/>

**Deadline: ~~October 5, 2015~~**

**October 23, 2015**

### ● SPECIAL ISSUE

Selected papers will be published in a special issue of a scientific journal.

#### Sponsored by

The Japan Society of Applied Physics

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