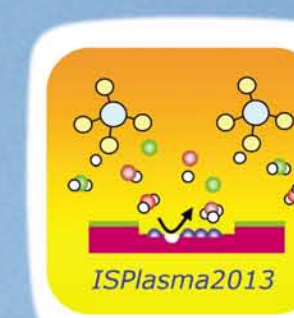


MEXT (Ministry of Education, Culture, Sports, Science and Technology)  
Program for Fostering Regional Innovation (Global Type)  
-Tokai Region Nanotechnology Manufacturing Cluster-



# ISPlasma2013

**5<sup>th</sup> International Symposium  
on Advanced Plasma Science and  
its Applications for Nitrides and  
Nanomaterials**

**January 28 - February 1, 2013  
Nagoya University, Japan**

## Organizing Committee

**Chairperson:** Masaru Hori, Plasma Nanotechnology Research Center, Nagoya University  
**Vice-Chairperson:** Hideki Masuda, Nagoya Institute of Technology **Keiji Nakamura**, Chubu University **Mineo Hiramatsu**, Meijo University

## Related Fields

### PLASMA SCIENCE

- Plasma Source
- Modeling and Simulation
- Thin Film Deposition Process
- Plasma Biology and Medicine
- Plasma for Nanotechnology
- Advanced Plasma Measuring Technology
- Etching Process
- Flexible Electronics
- Plasma for Clean Energy

### NITRIDE SEMICONDUCTORS

- Crystal Growth of GaN and Related Materials
- Characterization
- Electron Devices
- Device Processing
- MBE Growth of Nitrides
- Optical Devices

### NANOMATERIALS

- Nanocarbon Materials
- Surface Modification/Surface Functionalization
- Composite/Functionally Grade Materials
- Nanoparticles/Nanowires/Nanorods
- Nanomaterials for Energy Applications
- Porous Materials

## Abstract Submission

**Deadline: Tuesday, September 18, 2012 (11:00 am, JST)**

## JJAP Special Issue

Selected papers will be published in a Special Issue of Jpn. J. Appl. Phys. (JJAP).  
Instructions for submitting papers will be informed by the end of November.

## Award

"ISPlasma2013 Awards" will be given to outstanding papers.

## Exhibition

ISPlasma2013 will provide a valuable opportunity for all the related professionals to showcase their technology and products.

## Registration Fee

\*Refunds for registration or banquet cannot be made at any reason.

	General	Student
Early Registration (before December 25, 2012 11:00 am, JST)	JPY 20,000	JPY 3,000
Late Registration (until January 17, 2013 11:00 am, JST)	JPY 25,000	JPY 5,000
On-Site Registration	JPY 30,000	JPY 7,000

**Banquet Fee (on January 30, 2013)** JPY 5,000 JPY 2,000

For those attending "Industry-Academia-Government Collaboration Lectures and Panel Discussion" (Jan. 30) only : **Registration Fee is FREE**

## Speakers

### Plenary Speaker

Hideo Ohno (Tohoku University, JAPAN)

### Keynote Speakers

S. Fujimura (Tokyo Institute of Technology, JAPAN)

W. Graham (Queen's University Belfast, UK)

T. Nozaki (Tokyo Institute of Technology, JAPAN)

### Invited Speakers

P. Chabert (LPP Ecole Polytechnique, FRANCE)

R. Dwilinski (Ammono Company, POLAND)

A. Fridman (Drexel University, USA)

H. Fujioka (Institute of Industrial Science, The University of Tokyo, JAPAN)

J. G. Han (Sungkyunkwan University, KOREA)

C. Liu (Tianjin University, CHINA)

I. Mukhopadhyay (Pandit Deendayal Petroleum University, INDIA)

M. Nakayama (Nagoya Institute of Technology, JAPAN)

P. Ruterana (CIMAP, UMR 6252, CNRS, ENSICAEN, CEA, FRANCE)

M. Van de Sanden (Dutch Institute for Fundamental Energy Research, THE NETHERLANDS)

W. Walukiewicz (Lawrence Berkeley National Laboratory, USA)

T. Wei (Chung-Yuan University, TAIWAN)

S. Yamasaki (AIST, JAPAN)

### Tutorial Speakers

J. Duboz (CRHEA-CNRS, FRANCE)

F. Fracassi (University of Bari, ITALY)

Y. Nanishi (Ritsumeikan University, JAPAN/Seoul National University, KOREA)

K. Sasaki (Hokkaido University, JAPAN)

## Focused Sessions

- Energy Revolution
- Advanced Nitride Semiconductors
- Advanced Carbon Materials
- Industry-Academia-Government Collaboration

## Panel Discussion

**Toward the Establishment of Global Innovation Research Cluster (Jan. 30)**

<Moderator> S. Fujimura (Tokyo Institute of Technology, JAPAN)

**Perspective of Nitride Semiconductors**

**-The Role of Plasma Science and Nano Technology- (Jan. 31)**

<Moderator> O. Oda (Nagoya Institute of Technology, JAPAN)

**Towards Smart Energy Cities (Feb. 1)**

<Moderator> T. Nozaki (Tokyo Institute of Technology, JAPAN)

\*Listed in alphabetical order. \*Program and speakers listed above may change.

**Sponsored by :** Aichi Science & Technology Foundation, ISPlasma2013 Organizing Committee  
**Co-sponsored :** Aichi Prefecture, Nagoya City, Gifu Prefecture, Nagoya University, Nagoya Institute of Technology, Meijo University, Chubu University, The Japan Society of Applied Physics,

The Japan Society of Plasma Science and Nuclear Fusion Research,  
The Japanese Association for Crystal Growth

**Grants :** Support Center for Advanced Telecommunications Technology Research, General Incorporated Foundation, Foundation for Promotion of Material Science and Technology of Japan,  
The Murata Science Foundation

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