



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



Call for Papers

ISPlasma2012

4th International Symposium on
Advanced Plasma Science and its Applications for Nitrides and Nanomaterials
March 4-8, 2012
Chubu University, Aichi, Japan

Organizing Committee

Chairperson: Masaru Hori, Plasma Nanotechnology Research Center, Nagoya University
Vice-Chairperson: Hideki Masuda, Nagoya Institute of Technology
Hiroshi Amano, Nagoya University
Mineo Hiramatsu, Meijo University

ISPlasma2012 is a distinguished symposium which will provide an opportunity for world-leading researchers in the fields of plasma science and its applications for nitrides and nanomaterials to bridge the knowledge gap and bring about a greater synergy among them. The symposium also promotes collaboration between industry, academia and government. It will aim at making a proposal to the regional society and governments concerning what actions should be taken to establish an Advanced Plasma Nanotechnology Science Research Foundation in the Tokai Region.

SCOPE

Plasma Science and Technology

- Advanced Plasma & Surface Diagnostics
- Simulation and Database
- Etching Process
- Deposition Process
- Solar Cells Based on Plasma Science
- Advanced Plasma Flexible Electronics

Nitride Semiconductors

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

Nanomaterials

- Nanocarbon Materials
- Porous Materials
- Lithium-ion Rechargeable Battery Cells
- Surface Modification/Surface Functionalization
- Composite/Functionally Grade Materials
- Nanoparticles

- ◆ Integration Technology of Plasma Science, Nitride Semiconductors and Nanomaterials
- ◆ Industry-Academia-Government Collaboration

ABSTRACT SUBMISSION

Online abstract submission (one-page English) will be available from **mid-June, 2011**.

Abstract Deadline: October 24, 2011

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

SPECIAL ISSUE

The selected papers are planned to be published in a special issue of a scientific journal.

Sponsored by
Aichi Science & Technology Foundation
ISPlasma2012 Organizing Committee

Contact Secretariat for ISPlasma2011
c/o Aichi Science & Technology Foundation
Phone: +81-52-231-1656
Fax: +81-52-231-1640
E-mail: isplasma@astf.or.jp
URL: <http://www.isplasma.jp/>