

ISPlasma/IC-PLANTS is specialized international symposium where about 1,000 world-leading scientists and engineers can get together in the Tokai region (central Japan) to discuss latest researches in the fields of advanced plasma science, its application for processing and manufacturing of wide-bandgap materials and nanomaterials. 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. We aim that holding of this symposium stimulates progress of plasma science and its application, and contributes to the improvement of social life.

## Related Fields

### Plasma Science

- Plasma Source • Modeling and Simulation
- Thin Film Deposition Process • Etching Process
- Atmospheric-pressure plasma • Solution Plasma
- Advanced Plasma Measuring Technology • Plasma for Clean Energy
- Plasma Biology and Medicine • Plasma for Nanotechnology

### Functional Semiconductors

- Crystal Growth of GaN and Related Materials • SiC/Diamond
- Optical Devices • MBE Growth of Nitrides • Power device
- Electron Devices

### Nanomaterials and Micro fabrication

- Nano structured material • Catalyst/Battery • Solar Cell
- Environmental materials • Micro-TAS

### Surface Functionalization

- Hard coating • Thin Films by chemical process
- Biosurface and biointerface • Functional thin films

## JJAP Special Issue

Selected papers will be published in a Special Issue of Jpn. J. Appl. Phys. (JJAP).

Submission Deadline : April 17, 2015

## Schedule at a glance

Mar. 26 (THU)	• Registration • Factory Tour • Welcom Party at Nagoya University
Mar. 27 (FRI)	• Opening • Plenary Lecture • Technical Session • Poster Session
Mar. 28 (SAT)	• Plenary Lecture • Technical Session • Poster Session
Mar. 29 (SUN)	• Plenary Lecture • Technical Session • Special Lecture from Nobel Laureate in Physics Nagoya University Prof. Hiroshi Amano • Banquet at Port of Nagoya Public Aquarium
Mar. 30 (MON)	• Plenary Lecture • Technical Session • Poster Session • Award • Closing • Excursion
Mar. 31 (TUE)	• Excursion

## Registration

Please register on our website.

Advanced Online Registration is required.

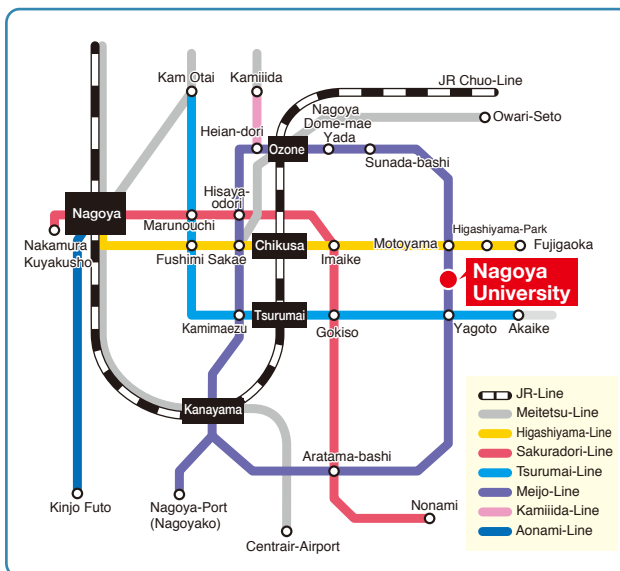
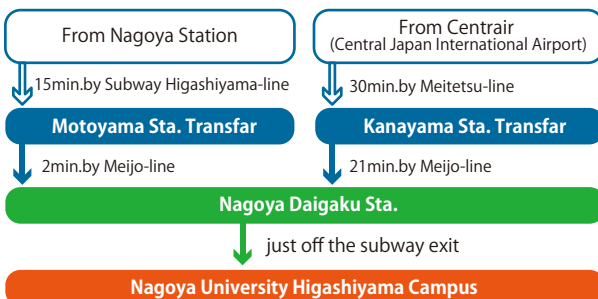
Registration Fee:	General	Student
Early Registration (Before Feb 28, 2015)	JPY 45,000	JPY 15,000
On-site Registration	JPY 50,000	JPY 20,000

<b>Banquet Fee</b> (On March 29, 2015) ( at Port of Nagoya Public Aquarium)	JPY 10,000	JPY 10,000
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\* Refunds cannot be made at any reason.

## Venue

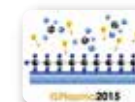
**Nagoya University** | Furou-cho, Chikusa-ku, Nagoyashi, Nagoya JAPAN  
TEL:+81-(0)52-789-5111(For General Information)



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

# ISPlasma2015 IC-PLANTS2015

March 26-31, 2015  
Nagoya University, Japan



7th International Symposium on  
Advanced Plasma Science and its Applications for Nitrides and Nanomaterials/  
8th International Conference on Plasma-Nano Technology & Science

## Organizing Committee

Chairperson

Nagahiro Saito, Nagoya University

Vice-Chairperson

Keiji Nakamura, Chubu University  
Akihiro Wakahara, Toyohashi University of Technology  
Noritsugu Umehara, Nagoya University

Sponsored by : The Japan Society of Applied Physics,  
ISPlasma2015 / IC-PLANTS2015 Organizing Committee

Co-sponsored by : Nagoya University, Nagoya Institute of Technology,  
Meijo University, Chubu University, Aichi Science & Technology  
Foundation, The Japan Society of Plasma Science and Nuclear  
Fusion Research, The Japanese Association for Crystal Growth

Contact

ISPlasma2015 / IC-PLANTS2015 Secretariat Y's Secretary Fields  
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E-mail: [isplasma@yssf.jp](mailto:isplasma@yssf.jp) Website: <http://www.isplasma.jp>

3/26(Th.)	3/27(Fri.)					3/28(Sat.)					3/29(Sun.)					3/30(Mon.)				3/31(Tue.)	
	Registration					Registration					Registration					Registration				Excursion	
	Registration					A6	B1	C1	C4	D1	A4	A6	B2	C3	C4	D4	A2	C5	C4		D4
	Opening Address Nagoya Univ. Prof. Nagahiro Saito					Break					Break					Poster Session (A2, A5, A6, C3, C4, C5, D2, D4)					
	Break					Plenary Lecture The University of Tokyo Prof. Kazunari Domen (Nanomaterials and Nano/Micro Fabrication)					Plenary Lecture The University of Tokyo Prof. Yasuhiko Arakawa (Functional Semiconductors)										
	Plenary Lecture University of Houston, USA Prof. Vincent M. Donnelly (Plasma Science)					Plenary Lecture Linköping University, Sweden Prof. Ulf Helmersson (Surface Functionalization)					Plenary Lecture NTT Basic Research Laboratories, Japan G.R. Dr. Koji Sumitomo (Surface Functionalization)					Lunch					
	Plenary Lecture Kyoto University, Japan Emeritus prof. Hiroyuki Matsunami (Functional Semiconductors)					Lunch					Lunch										
Registration	Lunch					Lunch					Lunch					Lunch					
Factory Tour	A1	B3	C1	C2	D3	A4	B1	C1	C4	D1	Plenary Lecture University of Surrey Prof. Ravi Silva (Nanomaterials and Nano/Micro Fabrication)					Plenary Lecture Kyushu University Masaharu Shiratani (Plasma Science)					
	A4					A3					Break					Break					
	Poster Session (A1, B3, C1, C2, D3)					Poster Session (A3, A4, B1, B2, C1, C4, D1)					Special Lecture from Nobel Laureate in Physics Nagoya University Prof. Hiroshi Amano					Break					
											A5	A6	B2	C3	C4	D2	Award				
										Break					Closing						
															Excursion						
Welcome Party											Banquet (Port of Nagoya Public Aquarium)										

## Special Speakers

**Prof. Hiroshi AMANO**  
(Nagoya University)  
(Nobel Laureate in Physics)



**March 29, 2015**

**14:00 - 15:20**

Toyoda Auditorium, Nagoya University

## Plenary Speakers

Prof. Yasuhiko ARAKAWA (The University of Tokyo, Japan)  
 Prof. Kazunari DOMEN (The University of Tokyo, Japan)  
 Prof. Vincent M. DONNELLY (University of Houston, USA)  
 Prof. Ulf HELMERSSON (Linköping University, Sweden)  
 Prof. Hiroyuki MATSUNAMI (Kyoto University, Japan)  
 Prof. Masaharu SHIRATANI (Kyushu University, Japan)  
 Prof. Ravi SILVA (University of Surrey, United Kingdom)  
 Dr. Koji SUMITOMO (NTT Basic Research Laboratories, Japan)

## Sessions

### Plasma Science

A1 Plasma Engineering  
 A2 Plasma Deposition  
 A3 Plasma Medicine  
 A4 Plasma Applications  
 A5 Atmospheric Pressure Plasma  
 A6 Solution Plasma

### Functional Semiconductors

B1 Nitride Process  
 B2 Application of Nitride Semiconductors  
 B3 SiC·Diamond·Other Related Materials

### Nanomaterials and Nano/Micro Fabrication

C1 Nanostructured and Nanocomposite Materials  
 C2 Catalyst / Battery  
 C3 Solar Cell  
 C4 Environmental and Energy Materials  
 C5 Microfluidics, Nanofluidics, and microTAS

### Surface Functionalization

D1 Hard Coating  
 D2 Wet Coating  
 D3 Functional Thin Films  
 D4 Biosurface