

APSPT-9 / SPSM-28

Joint Symposium of
the 9th Asia-Pacific International Symposium on the Basics and Applications of Plasma Technology (APSPT-9)
and the 28th Symposium on Plasma Science for Materials (SPSM-28)

Call for Abstracts

The Joint Symposium of the 9th Asia-Pacific International Symposium on the Basics and Applications of Plasma Technology (APSPT-9) and the 28th Symposium on Plasma Science for Materials (SPSM-28) will be held from Dec.12(Sat.) to 15(Tue), 2015, at Nagasaki Univ., Japan. The APSPT-9/SPSM-28 is hosted by the APSPT International Organizing Committee, IEEJ Plasma Technical Committee, IEEJ Electrical Discharge Technical Committee and JSPS 153 Committee.
Website: <http://www.comp.tmu.ac.jp/apspt2015/>

Scope of the symposium

The APSPT has ever been held every two years in Taiwan over 16 years to promote fundamental and applied plasma researches for scientists and engineers in Japan and Taiwan. On the other hand, the SPSM is a symposium held in Japan since 1987 to activate the international interdisciplinary field in both basic plasma science and practical applications especially based on materials science.

This time, the APSPT and the SPSM give a joint symposium in Japan for the first time to encourage cross-links for all experts in plasma materials science and technology in Japan and Taiwan, as well as other countries. We welcome various presentations to explore a new frontier of plasma materials science and technology.

Topics

1. Plasmas in semiconductor materials processing
2. Plasmas in biomedical applications
3. Plasmas in nano-materials processing
4. Plasma coating and surface modifications
5. Plasmas in agricultural applications
6. Plasmas in energy & environmental applications
7. Plasmas-in-liquid
8. Multiphase plasmas
9. Thermal plasmas
10. Cold plasmas
11. Plasma diagnostics and modeling
12. Advanced and novel plasma technologies and sources

Plenary invited lectures

1. Dr. Tetsuya Tatsumi (Sony), "*Plasma Etch Challenges for Semiconductor Devices*"
2. Prof. Kazuo Terashima (Univ.Tokyo), "*Multiphase Plasmas : Toward Next Generation Plasma Science for Materials*"
3. Prof. Hidenori Akiyama (Kumamoto Univ.) "*Pulsed Power and Bioelectrics*"
4. Prof. Jenq-Gong Duh (National Tsinghua Univ.), "*The Rescue of Waste: Atmospheric Pressure Nitrogen Plasma Enhanced Jumbo Silicon-based Lithium Ion Battery*"
5. Dr. Samuel Chiu (Applied Materials Taiwan), "*Latest Progress in Plasma Process and Chamber Innovation? from Semiconductor Equipment Supplier's Point of View*"
6. Dr. Keh-Jeng Chang (TSMC), "*Accurate 3-D Extractions of Lithography and Plasma Induced Capacitance Effects to Enable the Moore's Law below 10nm*"

Abstract submission

One-page abstract as formatted is requested for all presentations. The official language of this symposium is English. A preference for oral or poster should be indicated on abstract submission. The program committee will announce notification of acceptance by Oct.2. Abstract should be submitted through the following posting website:

<https://apspt2015.science-server.com/abstract/form.html>

Paper submission

All participants are strongly recommended to submit a paper. Submitted papers will be published in a Special Issue in IEEE Trans. Plasma Science after peer review process. Optional price will be charged as a manuscript submission fee.

Important dates

- Deadline for abstract submission (via website):
September 11, 2015
- Deadline for registration for early-bird fee (via website):
October 9, 2015
- Deadline for registration (via website):
November 30, 2015
*Only on-site registration after this date
- Symposium:
December 12 to December 15, 2015

Registration fee

- Early Registration Fee (before Oct 9 2015) :
#Regular: 36,000JPY (including Banquet, 3 Lunches/parties)
#Student: 26,000JPY (including Banquet, 3 Lunches/parties)
 - Registration Fee (after Oct 10 2015) :
#Regular: 41,000JPY (including Banquet, 3 Lunches/parties)
#Student: 31,000JPY (including Banquet, 3 Lunches/parties)
- Details are available on the symposium website:
<http://www.comp.tmu.ac.jp/apspt2015/>

Symposium site

The symposium will be held at Nagasaki University in Nagasaki, Japan:
<http://www.nagasaki-u.ac.jp/>
Other site information is available on the following website:
<http://www.at-nagasaki.jp/>

International Organizing Committee

S. Teii (Honorary Chair) Lунghwa Univ. Sci. & Technol., Taiwan
H. Fujiyama (Chair) Nagasaki Univ., Japan
H. Akatsuka (Vice Chair) Tokyo Institute of Technol., Japan
M. Ito (Vice Chair) Meijo Univ., Japan
J. S. Wu (Vice Chair) National Chiao Tung Univ., Taiwan
-Secretary Generals: K. Teii (Kyushu Univ., Japan), T. C. Wei (Chung Yuan Christian Univ., Taiwan)

Contact us

Secretariat of APSPT-9/SPSM-28
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-Organized by APSPT-9/SPSM-28 International Organizing Committee
-Co-organized by The IEEJ Technical Committee on Plasma Science and Technology; The IEEJ Technical Committee on Electrical Discharge; The 153rd Committee Plasma Materials Science, Japan Society of the Promotion of Science (JSPS)
-Supported by Plasma Medical Science Innovation (KAKENHI), MEXT, Japan; The Institute of Electrostatics Japan; Division of Plasma Electronics, The Japan Society of Applied Physics; Research Center for Plasma-Bio Science and Technology, Meijo University; Center of Plasma Nano-interface Engineering, Kyushu University; Nagasaki University.