

Program

The 5th International Conference on PLASMA NanoTechnology & Science (IC-PLANTS 2012)

Friday, March 9, 2012			
8	45	Registration	
9	30	Opening Remarks	
	40	Tutorial	Pascal Chabert (LPP Ecole Polytechnique CNRS, France) <i>Physics of Low Pressure Radio-Frequency Plasmas</i>
10	40	Break	
11	00	I-1	Noriyasu Ohno (Nagoya University, Japan) <i>(Tentative)</i>
	40	O-1	Matthew J. Goeckner (University of Texas at Dallas, USA) <i>Controllable Electron Beam Exciter for Optical Emission Studies in Real-Time Process Plasmas</i>
12	00	O-2	Takayuki Watanabe (Tokyo Institute of Technology, Japan) <i>Formation Mechanism of Boron-Rich Compound Nanoparticles in Induction Thermal Plasma Processing</i>
	20	Lunch	
13	30	I-2	Masaharu Shiratani (Kyushu University, Japan) <i>Plasma Fluctuation and Plasma Nanotechnologies</i>
14	10	O-3	Ralf Peter Brinkmann (Ruhr-Universität Bochum, Germany) <i>(Tentative)</i>
	30	Break	
Poster session (14:40 ~ 16:00 Multi-purpose hall at 2nd floor)			
<i>*The bus for the banquet site will leave at 16:00 in front of the conference hall.</i>			
Special session at the Meitetsu Inuyama Hotel			
16	00		
	40	Talk	Noritsugu Umehara (Nagoya University, Japan) <i>(Tentative)</i>
17	00	Plenary	Akihiro Kono (Nagoya University, Japan) <i>(Tentative)</i>
Banquet (18:00 ~ 20:00 Meitetsu Inuyama Hotel)			

Saturday, March 10, 2012			
8	45	Registration	
9	00	S-1	Naoki Shirai (Tokyo Metropolitan University, Japan) <i>Self-Organized Luminous Pattern Formation Observed in Atmospheric DC Glow Discharge using Liquid or Metal Anode</i>
	20	S-2	Hirotsuka Tsuda (Kyoto University, Japan) <i>Model Analysis of Nanoscale Surface Roughness and Rippling during Plasma Etching of Si under Oblique Ion Incidence: Effects of Oxygen</i>
	40	S-3	Fumiaki Mitsugi (Kumamoto University, Japan) <i>Optical Wave Microphone Measurement for Phase Object after Laser Irradiation of Solid</i>
10	00	Break	
	10	Tutorial	Bill Graham (Queen's University Belfast, UK) <i>Atmospheric Pressure Plasmas in Gases and Liquid</i>
11	10	I-5	Timo Gans (University of York, UK) <i>(Tentative)</i>
	50	O-4	Tatsuru Shirafuji (Osaka City University, Japan) <i>3D Integrated Micro Solution Plasmas ~ Effects of Electrical Conductivity of Liquid Medium ~</i>
12	10	Lunch	
13	20	I-6	Sung-O Kim (Clemson University, USA) <i>Miniature Micro-Plasma Jets for Cancer Therapy</i>
14	00	O-5	Pietro Favia (University of Bari, Italy) <i>Tuning Cell Adhesion and Growth on Materials by Means of Plasma Processing</i>
	20	O-6	Satoshi Kitazaki (Kyushu University, Japan) <i>Growth Control of Dry Yeast using Atmospheric Pressure Dielectric Barrier Discharge Plasma Irradiation</i>
	40	Break	
15	50	I-7	Suk J. Yoo (National Fusion Research Institute, Korea) <i>Low Temperature GaN Epitaxial Growth Assisted by Hyperthermal Neutral Beams</i>
	30	O-7	Uwe Czarnetzki (Ruhr-Universität Bochum, Germany) <i>Diagnostics of Low-Pressure Radio-Frequency Plasmas</i>
	50	Closing Remarks	

**Invited talk: 30 min presentation, 10 min discussions,
Contributed talk: 15 min presentation, 5 min discussions**