

March 2 (Sun.)		March 3 (Mon.)			
		(8:30-) Registration			
		Opening/Plenary Lecture (9:20-9:35) <Opening Address> Hiroataka Toyoda[ISPlasma2014/IC-PLANTS2014 Organizaing Committee Chairperson]			
		Chair : Mineo Hiramatsu [Meijo University] (9:35-10:15)<03aA01PL> Plenary Lecture Makoto Konagai [Tokyo Institute of Technology] "Challenges for Developing Innovative Solar Cells - Towards Carbon Free Society"			
		(10:15-10:30) Break			
		Keynote Lecture (10:30-11:05)<03aA02K> Keynote Lecture : W. G. (Bill) Graham [Queen's University Belfast] "The Physics, Chemistry and Applications of Plasmas Created in Liquids."			
		Chair : Masafumi Ito [Meijo University] (11:05-11:40)<03aA03K> Keynote Lecture : Hiromichi Ohashi [AIST] "Possibility of Future Power Devices toward New Generation Power Electronics"			
		(11:40-12:15)<03aA04K> Keynote Lecture : Yoshitaka Okada[The University of Tokyo] "High-Efficiency Quantum Dot Solar Cells: Progress and Challenges"			
(12:30-) Registration		(12:15-13:10) Lunch			
Tutorial Plasma Science (13:00-13:45) Uwe Czarnetzki [Ruhr-University Bochum, Germany] "Diagnostics of Low-Temperature Plasmas"		(13:10-14:40) Poster Session 1			
Chair : Minoru Sasaki [Toyota Technological Institute] (13:45-14:30) Masaaki Nagatsu [Shizuoka University] "Plasma Surface Functionalization of Nano-sized Materials for Biomedical Application"		Plasma Science1 (14:40-15:05)<03pB05I> Invited Lecture : Wonho Choe[KAIST] "Non-thermal Atmospheric Pressure Plasmas at Different Driving Frequency in the RF Range"	Nitride Semiconductors1 (14:40-15:05)<03pC05I> Invited Lecture : Fukuyama Hiroyuki[Tohoku University] "AlN Layer Growth Using Ga-Al Flux and Its Thermodynamic Principle"	Nanomaterials 1 (14:40-15:05)<03pD05I> Invited Lecture : Mauricio Terrones[Shinshu University] "Novel Nanocarbons: Defective Graphenes, Nanoribbons with Atomically Smooth Edges and Graphene-Nanotube Hybrid Structures"	Nanocarbons (14:40-15:05)<03pD05I> Invited Lecture : Mauricio Terrones[Shinshu University] "Novel Nanocarbons: Defective Graphenes, Nanoribbons with Atomically Smooth Edges and Graphene-Nanotube Hybrid Structures"
		Plasma Souces/Plasma Diagnostics (15:05-15:30)<03pB06I> Invited Lecture : Juergen Roepcke[Leibniz Institute for Plasma Science and Technology (INP Greifswald)] "On Recent Progress in Studying Chemical Phenomena and Surface Interactions in Plasmas Using Infrared Absorption Techniques"	Chair : Yoshihiro Kangawa[Kyushu University] (15:05-15:20)<03pC06O> Chia-Hung Lin[NTT Basic Research Laboratories] "N-face GaN (000-1) Films Grwon by Group-III Source Flow-rate Modulation Epitaxy"	(15:05-15:30)<03pD06O> Invited Lecture : Do-Geun Kim[KIMS] "Ultra Flexible Metal Embedded Transparent Electrode for Folderable Organic Devices"	(15:05-15:30)<03pD06O> Invited Lecture : Do-Geun Kim[KIMS] "Ultra Flexible Metal Embedded Transparent Electrode for Folderable Organic Devices"
(14:30-14:40) Break		(15:30-15:45)<03pB07O> Keichiro Urabe[The University of Tokyo] "Production and Relaxation Processes of Metastable Helium Atoms in Cryoplasmas between 5 K and Room Temperature"	(15:20-15:35)<03pC07O> Taiji Yamamoto[Meijo University] "Analysis of GaInN/GaN superlattices on GaN template during growth by in-situ X-ray diffraction"	(15:30-15:55)<03pD07O> Invited Lecture : Katsumi Kaneko[Shinshu University] "In-Pore Superhigh Pressure-Aided Materials Synthesis"	(15:30-15:55)<03pD07O> Invited Lecture : Katsumi Kaneko[Shinshu University] "In-Pore Superhigh Pressure-Aided Materials Synthesis"
Tutorial Nitride Semiconductors (14:40-15:25) Wladyslaw Walukiewicz [Solar Energy Materials Research Group] "Semiconductor Band Structure Engineering for Solar Power Conversion Devices"		(15:45-16:00)<03pB08O> Agnes Granier[CHRS] "In situ Investigation of the Effect the Wall Nature on O atom Recombination Probability in Low Pressure O ₂ /HMDSO/TTIP Plasmas"	(15:35-15:50)<03pC08O> Ji young Kim[Korea Maritime and Ocean University] "AlGaN Epitaxial Layers Grown by Hydride Vapor Phase Epitaxy"	(15:55-16:10)<03pD08O> Hironao Shimoeda[Nagoya University] "Control of Edge and Surface Oxidation of Carbon Nanowalls by Argon Ion Irradiation"	(15:55-16:10)<03pD08O> Hironao Shimoeda[Nagoya University] "Control of Edge and Surface Oxidation of Carbon Nanowalls by Argon Ion Irradiation"
		(16:00-16:15)<03pB09O> Kazunori Koga[Kyushu University] "Time evolution of Argon Metastable Density in Reactive Dusty Plasmas"	(16:05-16:25) Break	(16:10-16:30) Break	
		(16:15-16:35) Break	Nitride Semiconductors2 (16:25-16:50)<03pC10I> Invited Lecture : Fumitsugu Fukuyo[Hamamatsu Photonics K.K.] "Improvement of Light Extraction Efficiency with Periodic Light-extraction Structures on Sapphire Substrate for Electron-beam-pumped Deep-ultraviolet Light Sources"	Nanomaterials 2 (16:30-16:45)<03pD09O> Agnes Granier[IMN, Universite de Nantes, CNRS] "Growth Control of Carbon Nanostructures using Cold Plasma Processes"	2D Materials (16:45-17:00)<03pD09O> Wenchao Peng[The University of Hong Kong] "MoS ₂ /Graphene Nanosheets with CoS Nanoparticles as A Visible Light Driven Photocatalyst for the Reduction and Detoxification of 4-Nitrophenol"
		Plasma Science2 (16:35-17:00)<03pB10I> Invited Lecture : Koichi Sasaki[Hokkaido University] "A Simple Method for Producing Standing Sonoplasmas"	Heteroepitaxy (16:50-17:05)<03pC11O> Mami Ishiguro[Meijo University] "Improvement of photosensitivity in heterostructure-field-effect-transistor type photosensors with a p-GaN gate"	Chair : Mauricio Terrones[Shinshu University] (17:00-17:15)<03pD10O> Naruki Ninomiya[Yokohama National University] "Layer-by-layer Etching of MoS ₂ Flakes during Etching Process for Fabrication of MoS ₂ Transistors"	(17:00-17:15)<03pD10O> Naruki Ninomiya[Yokohama National University] "Layer-by-layer Etching of MoS ₂ Flakes during Etching Process for Fabrication of MoS ₂ Transistors"
(16:10-16:20) Break		Tutorial Nanomaterials (16:20-17:05) Akira Toriumi [The University of Tokyo] "Technology Outlook for Advanced CMOS and Beyond-Si Devices"	Chair : Wonho Choe[KAIST] (17:00-17:25) <03pB11I> Invited Lecture : Jong-Shinn Wu [National Chiao Tung University] "Hybrid Simulation of Gas Discharge and Gas Flow with Parallel Computing"	(17:15-17:30)<03pD11O> Yong-Cin Chen[National Taiwan University of Science and Technology] "Preparation of Nano-cubic Cu ₂ O/Platinum Core-Shell Nanoparticles for the Electrochemical Applications"	(17:15-17:30)<03pD11O> Yong-Cin Chen[National Taiwan University of Science and Technology] "Preparation of Nano-cubic Cu ₂ O/Platinum Core-Shell Nanoparticles for the Electrochemical Applications"
		(17:05-17:20)<03pC12O> Yi Lu[Nagoya University] "Study on a novel radical-enhanced metalorganic chemical vapor deposition (REMOCVD) for GaN epitaxial growth"	(17:20-17:35)<03pC13O> Keiya Kozaki[Meijo University] "Realization of M-plane GaInN Thick Films Grown on Submicron Patterned Groove-GaN Substrate"		
		(17:25-17:40)<03pB12O> Anil Pandey[Chubu University] "Simplified Analysis and FDTD Simulation of Curling Probe"	(17:35-17:50)<03pC14O> Seunga Lee[Nagoya University] "Effect of piezoelectric field on carrier dynamics in InGaN-based solar cells"		
(18:00-19:30) Welcome Party					

March 4 (Tue.)

(9:10-) Registration

<p>Plasma Science 3</p> <p>Emerging plasma Technology</p> <p>Chair: Jennifer H Shin [KAIST]</p>	<p>(9:20-9:45)<04aB01b> Invited Lecture : Hidekuni Takao[Kagawa University] "Patternable Atmospheric-Pressure Plasma Jet Array Generated by an Integrated Microfluidic Device"</p> <p>(9:45-10:00)<04aB02O> Tatsuo Ishijima[Kanazawa University] "Enhancement of OH radical generation rate in aqueous solution by microwave-excited bubble plasma production"</p> <p>(10:00-10:15)<04aB03O> Hiromasa Tanaka[Nagoya University] "Plasma-activated medium downregulated signaling pathways that control proliferation and survival in glioblastoma brain tumor cells"</p> <p>(10:15-10:30)<04aB04O> Yui Hayashi[Nagoya University] "Peptide Synthesis from Amino Acid Induced by Pulsed Discharge Plasma over Aqueous Solution at Pressurized Argon"</p>	<p>Nitride Semiconductors3</p> <p>Nano structures and characterizations</p> <p>Chair: Koh Matsumoto [Taiyo Nippon Sanso Corp].</p>	<p>(9:20-9:45)<04aC01b> Invited Lecture : Shunnsuke Ishizawa[Sophia University] "Structural Control and Photonic Characteristics of Bottom-up Grown InGaN Based-nanocolumns"</p> <p>(9:45-10:00)<04aC02O> Shogo Ito[Aichi Institute of Technology] "Nature of Yellow Luminescence Band in High Quality GaN"</p> <p>(10:00-10:15)<04aC03O> Ryota Matsumura[Toyohashi University of Technology] "Eu concentration dependence of optical properties for Eu and Mg codoped GaN"</p>	<p>Nanomaterials 3</p> <p>Nanocomposites</p> <p>Chair: Yuichi Setsuhara [Osaka University]</p>	<p>(9:20-9:45)<04aD01b> Invited Lecture : Jenq-Gong Duh[National Tsing Hua University] "Exploitation of Bio-inspired Thin Film Composites"</p> <p>(9:45-10:00)<04aD02O> Jindrich Musil[University of West Bohemia] "Advanced Hard Nanocomposite Coatings with Unique Properties"</p> <p>(10:00-10:15)<04aD03O> Chih-Yang Wang[National Taiwan University of Science and Technology] "Preparation of Nanocomposite Membranes with Antibacterial properties by Plasma Surface Modification"</p> <p>(10:15-10:30)<04aD04O> Silambarasan Murugesan[Sona College of Technology] "Structural, Morphological and Optical Studies of Silver-doped ZnO Nanoparticles Synthesized by Simple Solution Combusting Method"</p>
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(10:15-10:45) Break

(10:30-10:45) Break

(10:30-10:45) Break

<p>Topical Session 1</p> <p>Plasma Science</p> <p>Plasma Bio & Medicine</p> <p>Chair: Masaaki Nagatsu [Shizuoka University]</p>	<p>(10:45-11:20)<04aA05K> Keynote Lecture : Masaru Hori [Nagoya University] "Challenge to Plasma Medical Science towards the Fourth Treatment of Cancers"</p> <p>(11:20-11:45) <04aA06I> Invited Lecture : Jennifer H Shin [KAIST] "Cellular Property Regulation for Anti-cancer Treatment by Atmospheric Pressure Plasma"</p> <p>(11:45-12:00)<04aA07O> Shota Sasaki[Tohoku University] "Effects of Plasma Diffusion Distance on Gene Transfection"</p>
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(12:00-13:00) Lunch

(13:00-14:30) Poster Session 2

<p>Industry-Academia-Collaboration 1</p> <p>Chair: Makoto Sekine [Nagoya University]</p>	<p>(14:30-15:05)<04pA08K> Keynote Lecture : Eiichi Yamaguchi[Doshisha University] "Why has Japan Lost International Competitiveness? Effects of Small Business Innovation Research Programs on Creating New Science-based Industries"</p> <p>(15:05-15:40)<04pA09K> Keynote Lecture : Shuzo Fujimura[Tokyo Institute of Technology] "Necessity of Scientific Research in Private Entity"</p> <p>(15:40-16:15)<04pA10K> Keynote Lecture : Matthias Frey[Embassy of Switzerland] "Innovation in Switzerland: International Collaboration and Exchange"</p> <p>16:15-16:50)<04pA11K> Keynote Lecture : Richard Bosmans[Nikon and Essilor International Joint Research Center] "A Unique Example of Research Partnership between Two Leading Companies in the Optics Industry"</p>
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(16:45-17:00) Break

<p>Industry-Academia-Collaboration 2</p>	<p>(17:00-18:30) Panel Discussion Moderator Eiichi Yamaguchi[Doshisha University] Panelist Shuzo Fujimura[Tokyo Institute of Technology] Matthias Frey[Embassy of Switzerland] Richard Bosmans[Nikon and Essilor International Joint Research Center] Hisashi Tsukamoto[CONNEXX SYSTEMS Corporation] Jeon Geon Han[Sungkyunkwan University]</p>
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(18:30-20:00) Banquet

March 5 (Wed.)

(9:10-) Registration					
Plasma Science 4 Plasma Deposition Chair : Xiodong Pi [Zhejiang University]	(9:20-9:45) <05aB011> Invited Lecture : Masaharu Shiratani[Kyushu University] "Characteristics of a-Si:H Cells Fabricated by Amplitude Modulated VHF Discharges"	Nitride Semiconductors 4 New device applications Chair : Hiroshi Amano [Nagoya University]	(9:20-9:45) <05aC011> Invited Lecture : Tien-chang Lu [National Chiao Tung University] "GaN-based Optoelectronics with Micro/Nano-scale Architectures"	Nanomaterials 4 Functional Nanomaterials Chair : Mohan Sankaran [Case Western Reserve University]	(9:20-9:45)<05aD011> Invited Lecture : Xingyu Jiang [The Chinese Academy of Sciences] "Gold Nanoparticles-Based Plasmonics for Medical Diagnostic Assays"
	(9:45-10:00) <05aB030> Katsunori Makihara[Nagoya University] "Selective Crystallization and Metalization of a-Ge:H Thin Films by Pt-coating and Exposing to Remote H2 Plasma"		(9:45-10:00) <05aC020> Kazutaka Niigata[The University of Tokushima] "Temperature Dependence of pH Sensor on AlGaIn/GaN Heterostructure"		(9:45-10:00)<05aD020> Indrajit Mukhopadhyay[Pandit Deendayal Petroleum University] "Influence of interfacial charge transfer resistance and double layer capacitance on the conducting properties of electropolymerized Polyaniline film"
	(10:00-10:15) <05aB040> Yuichi Setsuhara[Osaka University] "Properties of ICP-Enhanced Reactive Sputter Discharge for Formation of Advanced Semiconductor Films"		(10:00-10:15) <05aC030> Kazuhiro Nakahama[Mie University] "Optimization of barrier height in AlGaIn multiple quantum wells for UV emission excited by electron beam"		(10:00-10:15)<05aD030> Mihai Alexandru Ciolan[Shizuoka University] "Molecule immobilization on amine enriched zinc oxide by plasma processing"
	(10:15-10:30) Break		(10:15-10:30) <05aC040> Kazuaki Tsuchiyama[Toyohashi University of Technology] "Evaluation of Optical Property in Various InGaIn Micro-LED Size (=470nm)		(10:15-10:35) Break
(10:30-10:50) Break		(10:30-10:50) Break			
Plasma Science 5 Plasma Nanotechnology Chair : Tomohiro Nozaki[Tokyo Institute of Technology]	(10:50-11:15) <05aB051> Invited Lecture : Xiaodong Pi [Zhejiang University] "Nonthermal Plasma Synthesis of Hyperdoped Silicon Nanocrystals"	Nitride Semiconductors 5 Light emitting diodes Chair : Hideto Miyake [Mie University]	(10:50-11:15)<05aC050> Invited Lecture : Masaaki Onomura [TOSHIBA America Electronic Components, Inc.] "Highly Efficient GaN-based LEDs Grown on 8-inch Si Substrates"	Nanomaterials 5 Porous Materials Chair : Toru Ujihara [Nagoya University] Nobuyuki Zettsu [Shinshu University]	(10:35-11:00)<05aD041> Invited Lecture : Yoko Kumai [Toyota Central R&D Labs., INC.] "Characteristics and Applications of Layered Polysilane (Si6H6) Anode for Lithium Ion Batteries"
	(11:15-11:30)<05aB060> Tomoki Amano[Nagoya University] "Electro catalytic properties of Pt-supported nanographene synthesis using in-liquid plasma"		(11:15-11:30)<05aC060> Shunsuke Okada[Mie University] "Fabrication of InGaIn MQWs on non-polar GaN substrates"		(11:00-11:15) <05aD050> Indrajit Mukhopadhyay[Pandit Deendayal Petroleum University] "Electrodeposition of CdTe from ionic liquid bath at 80 oC: insight of nucleation and growth mechanism"
	(11:30-11:45)<05aB070> Iuliana Motrescu[Shizuoka University] "The role of oxygen introduced in the He gas flow of ultrafine capillary plasma jet for hydroxyl groups patterning"		(11:30-11:45)<05aC070> Shunsuke Kawai[Meijo University] "High reflective and low resistive silver electrode on p-GaN"		(11:15-11:40)<05aD060> Invited Lecture : Toru Setoyama [Mitsubishi Chemical Corporation] "Various Potentialities of CHA-type Zeolite as Functional Inorganic Materials"
(11:45-13:00) Lunch					
(13:00-14:30) Poster Session 3					
Topical Session 2 Nitride Semiconductors Solid State Lighting Chair : Tetsuya Takeuchi[Meijo University]	(14:30-15:05)<05pA08K> Keynote Lecture : Hiroshi Fujioka[The University of Tokyo] "Preparation of Nitride Devices by Plasma Processing"				
	(15:05-15:30)<05pA09I> Invited Lecture : Jeffrey Y. Tsao [Sandia National Laboratories] "Solid-State Lighting: Toward Smart and Ultra-Efficient Materials, Devices, Lamps and Systems"				
	(15:30-15:55) <05pA10I> Invited Lecture : Kiyoshi Itatani [Sophia University] "Morphological Control of Eu2+-doped Nitride Phosphors by Carbothermal Reduction / Nitridation of Spray-pyrolyzed Powder and Their Luminescence Properties"				
	(15:55-16:20) <05pA11I> Invited Lecture : Jong-In Shim [Hanyang University] "On the Origin of Efficiency Droop in Light-Emitting Diodes"				
	(16:20-16:45)<05pA12I> Invited Lecture : Claude Weisbuch [University of California, Santa Barbara] "Auger Effect in Nitride-based Blue LEDs and Its Identification by Vacuum Electron Spectroscopy"				
(16:45-17:00) Break					
Topical Session 3 Nitride Semiconductors Prospects of Solid State Lighting	(17:00-18:30) Panel Discussion Moderator : Satoshi Kamiyama[Meijo University] Panelist Jong-In Shim [Hanyang University] Claude Weisbuch [University of California, Santa Barbara] Masaaki Onomura [TOSHIBA America Electronic Components, Inc.] Hiroshi Fujioka [The University of Tokyo] Tien-Chang Lu [National Chiao Tung University] Jeffrey Y. Tsao [Sandia National Laboratories] Kiyoshi Itatani [Sophia University]				

March 6 (Thu.)

(9:10-) Registration					
Plasma Science 6 Plasma Etching Chair: Hiroki Kondo [Nagoya University]	(9:20-9:45) <06aB011> Invited Lecture : Masaru Izawa [Hitachi Hi-Technologies Corporation] "Etching Technologies for 3D-Transistor and Emerging Devices" (9:45-10:00) <06aB020> Yudai Miyawaki [Nagoya University] "Observation of dangling bonds in Silicon nitride films during exposure of F atoms at down-flow of CF4 plasmas using Real-time / in-situ Electron Spin Resonance" (10:00-10:15) <06aB030> Minoru Sasaki [Toyota Technological Institute] "Delay Masking Process Using UV Cured Resist Layer Combined with Deep Reactive Ion Etching for Multiple Height Microstructures"	Nitride Semiconductors 6 Electron devices Chair: Akio Wakejima [Nagoya Institute of Technology]	(9:20-9:45) <06aC011> Invited Lecture : Yvon Cordier [CNRS - CRHEA] "Uniformities of GaN and AlN Layers Obtained with Ammonia or with RF Source Molecular Beam Epitaxy" (9:45-10:00) <06aC020> Joseph J. Freedsman [Nagoya Institute of Technology] "Trenched-Gate Al2O3/AlGaIn/GaN Normally Off MIS-FET on 8-inch Si with Low Leakage and High Breakdown Voltage" (10:00-10:15) <06aC030> Arata Watanabe [Nagoya Institute of Technology] "Characterization of InAlN/GaN High-Electron-Mobility Transistors Grown on Si Substrate"	Nanomaterials 6 Nanomaterials Processing Chair: Tatsuru Shirafuji [Osaka City University]	(9:20-9:45) <06aD011> Invited Lecture : Mohan Sankaran [Case Western Reserve University] "Controlling Gas-phase Nucleation Via Microplasma Processes for the Synthesis of Novel Nanoparticle Materials" (9:45-10:00) <06aD020> Hsueh-Yu Chou [National Tsing Hua University] "Pulse-Electrodeposition of Pt and Pt-Ru nanoparticles on CNTs for methanol oxidation" (10:00-10:15) <06aD030> Atsushi Ando [Nagoya University] "Spectroscopic analysis of gas-liquid plasma for nanographene synthesis"
Late News Chair: Hiroki Kondo [Nagoya University]	(10:15-10:30) <06aB040LN> Kai Chieh Hsu [National Tsing Hua University] "The Effect of Doping Al and Ti on Thermo-mechanical Properties of Newly-developed Cu-Zr-Al-Ti Thin Film Metallic Glass" (10:30-10:45) <06aB040LN> Abhijit Ray [Pandit Deendayal Petroleum University] "RF-magnetron sputtered Cu doped SnS thin films for enhanced photovoltaic performance" (10:45-11:00) <06aB050LN> Minoru Sasaki [Toyota Technological Institute] "MEMS Nozzle for Localized Irradiation of Atmospheric Pressure Plasma Trapping Micro-Samples"	Late News Chair: Akio Wakejima [Nagoya Institute of Technology]	(10:15-10:30) <06aC040LN> Zheng Sun [Nagoya University] "P-type GaN by Mg-ion Implantation with Pre-Sputter Technique" (10:30-11:00) Break	Late News Chair: Mineo Hiramatsu [Meijo University]	(10:15-10:30) <06aD040LN> Joon S. Lee [Durable Hydrophobic Films synthesized by controlling the Plasma Process of simple PECVD] (10:30-10:45) <06aD050LN> Chien-Kuo Hsieh [Ming Chi University of Technology] "Oxygen-assisted LPCVD for the low temperature direct growth of Graphitic Nanofibers on FTO glass as a Counter Electrode for Dye-Sensitized Solar Cell" (10:45-11:00) Break
(11:00-12:30) Poster Session 4					
(12:30-13:30) Lunch					
Topical Session 4 Nitride Semiconductors Power Devices Chair: Masaaki Kuzuhara [University of Fukui]	(13:30-13:40) Introductory Talk : Takaya Miyazaki [Ministry of Economy, Trade and Industry] (13:40-14:15) <06pA05K> Keynote Lecture : Noriyuki Otsuka [Panasonic Corporation] "Recent Progress in GaN Power Devices" (14:15-14:40) <06pA06I> Invited Lecture : Yohei Otoki [Hitachi Metals, Ltd.] "Merit and Homework of Using GaN Substrates for Electric Devices in Mass Production" (14:40-15:05) <06pA07I> Invited Lecture : Isik C. Kizilyalli [Avogy Inc.] "Vertical Power Semiconductor Devices on Bulk GaN Substrates"				
(15:05-15:20) Break					
Topical Session 5 Nitride Semiconductors Solution of energy problem using current generation Si, SiC and GaN based power devices	(15:20-16:50) Panel Discussion Moderator Masaaki Kuzuhara [University of Fukui] Panelist Takashi Nakamura [ROHM Co., Ltd.] Noriyuki Otsuka [Panasonic Corporation] Yohei Otogi [Hitachi Metals, Ltd.] Isik C. Kizilyalli [Avogy Inc.]				
Award	(16:55-17:05) Award Presenter : Hiroataka Toyoda [ISPlasma2014/IC-PLANTS2014 Organizaing Committee Chairperson] Announcer : Hiroshi Amano [ISPlasma2014/IC-PLANTS2014 Program Committee Chairperson]				
(17:05-17:20) Closing					