

Registration 9:00-

Opening <Chair> M. Ito (Meijo University)	10:00-10:05 Opening Address Mineo Hiramatsu (ISPlasma2018/IC-PLANTS2018 Organizing Committee Chairperson)
	10:05-10:10 Introduction of the Plenary Lecture
Plenary Lecture <Chair> M. Hiramatsu (Meijo University)	10:10-11:00 Plenary Lecture <05aA01PL> Sumio Iijima (Meijo University) "Carbon Nanotubes: Discovery, Impact and Beyond"

Break 11:00-11:10

Keynote Lecture <Chair> M. Hiramatsu (Meijo University)	11:10-11:50 Keynote Lecture <05aA02K> Jeon Geon Han (Sungkyunkwan University) "New Horizon of Novel Plasma and Films for Next Generation Flexible Devices"
	11:50-12:30 Keynote Lecture <05aA03K> Uwe Czarnetzki (Ruhr-Universität Bochum) "Ten Years of Plasma Diagnostics as ISPlasma: Progress, Challenges and Perspectives"

Photograph 12:30-12:45

Lunch 12:45-14:15

Plasma Science 1 Plasma Sources <Chair> J. P. Trelles (University of Massachusetts Lowell)	14:15-14:45 Invited Lecture <05pB04I> Dmytro Rafalsky (Ecole Polytechnique) "Plasma Sources of Bipolar Flows: Principles of Operation and Diagnostic Methods"	Nitride Semiconductors 1 Growth & Characterizations <Chair> N. Tansu (Lehigh University)	14:15-14:45 Invited Lecture <05pE04I> Konrad Sakowski (Unipress) "Energy Dissipation During Adsorption at Solid Surfaces - The Role of Electron Transfer"	Nanomaterials 1 Carbon/2D <Chair> H. Sato (Mie University)	Bioapplications 1 Bio Material <Chair> N. Hayashi (Kyushu University)	14:15-14:45 Invited Lecture <05pF04I> Masaaki Nagatsu (Shizuoka University) "Tailoring Surface-functionalized Graphite-encapsulated Metal Nanoparticles by Plasma Processing for Biomedical and Environmental Applications"	
	14:45-15:00 1063 <05pB05O> Haruhiko Himura "Development of Experimental Machine for Testing Oxidation Reaction by Negative Oxygen Ions"		14:45-15:00 1505 <05pE05O> Tatsuya Hattori "Comparison of In Incorporation in Axial InGaN Quantum Wells on GaN and InGaN Nanorods Grown by Plasma Assisted Molecular Beam Epitaxy"			14:30-15:00 Invited Lecture <05pD04I> Gheorghe Dinescu (National Institute for Lasers, Plasma and Radiation Physics) "Cold Plasma Jet Sources: From Design to Multidisciplinary Applications"	14:45-15:15 Invited Lecture <05pF05I> Yoshimichi Nakatsu (Kyushu University)
	15:00-15:15 1114 <05pB06O> Masaya Hotta "Study of Plasma Density Profile by Superposing Two Resonant Modes in Microwave Cavity Discharge"		15:00-15:15 1014 <05pE06O> Yasuhiro Isobe "High Quality GaN Crystal Growth using Radical-enhanced Metalorganic Chemical Vapor Deposition (REMOCVD) with Optimizing a Shield of Plasma Regions"			15:00-15:30 Invited Lecture <05pD05I> Kosuke Nagashio (The University of Tokyo) "Understanding of Layered Heterointerfaces in 2D Semiconductors"	15:15-15:30 1045 <05pF06O> Chu-Hao Yang "Dielectric-barrier-discharge Based Remote Atmospheric-pressure Plasma for One-step Protein Immobilization"
	15:15-15:30 1099 <05pB07O> Thi-Thuy Nga Nguyen "A Novel Designed High-density Atmospheric Pressure Inductively Coupled Plasma Remotely Generated at the Downstream Side of a Quartz Tube using a Floating Wire"		15:15-15:30 1014 <05pE07O> Faizulsalihin Bin Abas "Epitaxial InN Growth with in situ Surface Reformation by Radical Beam Irradiation"			15:30-15:45 <05pD06O> Keigo Takeda "Synthesis of Vertical Graphene Network for Emerging Applications"	15:30-15:45 1258 <05pF07O> Chen-Kuang Chiang "Paper-based Microfluidic Devices for Label Free Human Hemoglobin Detection"
	15:30-15:45 1190 <05pB08O> Haruka Suzuki "Power Absorption Mechanism of Atmospheric-pressure Microwave Line Plasma"		15:30-15:45 1007 <05pE08O> Atsushi Tanide "Improvement of Quality of GaN Films Grown by Plasma-enhanced CVD"				

Break 15:45-16:00

Plasma Science 2 Thermal Plasma <Chair> D. Rafalsky (Ecole Polytechnique)	16:00-16:30 Invited Lecture <05pB09I> Juan Pablo Trelles (University of Massachusetts Lowell) "Nonequilibrium Plasma Flows Simulation: Kinetics, Patterns and Turbulence"	Nitride Semiconductors 2 Novel materials <Chair> K. Sakowski (Unipress)	16:00-16:30 Invited Lecture <05pE09I> Nelson Tansu (Lehigh University) "Beyond Conventional III-Nitride Semiconductor Technologies"	Nanomaterials 2 Optical properties/Carbon nanomaterials <Chair> G. Dinescu (National Institute for Lasers, Plasma and Radiation Physics)	Bioapplications 2 Biosensing <Chair> M. Nagatsu (Shizuoka University)	16:00-16:30 Invited Lecture <05pF08I> Hideaki Kano (University of Tsukuba) "Label-free Live Cell Imaging using a White-light Laser Source"			
	16:30-17:00 Invited Lecture <05pB10I> Sergey Gortchakov (INP Greifswald) "Advanced Optical Diagnostics for Characterisation of Switching and Welding Arcs"		16:30-16:45 1162 <05pE10O> Akira Kusaba "Driving Force for m-plane GaN MOVPE: a New Thermodynamic Modeling"			16:30-16:45 1153 <05pD08O> Takuya Okada "Low Temperature Growth of Single-walled Carbon Nanotubes by ACCVD using Co Catalyst on Al ₂ O ₃ Buffer Layer"	16:30-17:00 Invited Lecture <05pF09I> Kazuo Nakazato (Nagoya University) "Integration of Biochemistry on a Large-scale Integrated Circuit"		
	16:45-17:00 1033 <05pE11O> Yu Inaishi "Heavily p-type Doping to Si _{1-x} Sn _x Layers Grown on SOI Substrates"		16:45-17:00 <05pD09O> Hideki Sato "Formation of Carbon Nanotube Filaments Induced by Gas Discharge Breakdown"			17:00-17:15 1130 <05pB11O> Yasunori Tanaka "Two-dimensional Rapid Oxidation of SiC Substrate Surface using Ar/O ₂ Loop-type of Induction Thermal Plasmas"	17:00-17:15 1165 <05pE12O> Yuta Nakashima "Operand Study of Multiple Stacked Si Quantum Dots by Hard X-ray Photoelectron Spectroscopy"	17:00-17:15 <05pD10O> Takayuki Ohta "Synthesis of Copper Nanoparticles by Gas-liquid Interface Plasma"	17:00-17:15 1252 <05pF10O> Yu-Chun Lin "Investigation the Effects of Gas Flow Rate on Plasma Properties by Thomson Scattering"

Poster Session ① 17:15-18:45