

Registration 9:00-								
Opening <Chair> (University) <Chair> M. Ito (Meijo University)								
10:00-10:05 Opening Address Keiji Nakamura [ISPlasma2017/IC-PLANTS2017 Organizing Committee Chairperson]								
10:05-10:10 Introduction of the Plenary Lecture								
Plenary Lecture <Chair> K. Nakamura (Chubu University)								
10:10-11:00 Plenary Lecture <02aA01PL> Osamu Ishihara (Chubu University) "Role of Complex Plasma in Emerging Sciences"								
Break 11:00-11:10								
Keynote Lecture <Chair> Y. Ikehara (AIST)								
11:10-11:50 Keynote Lecture <02aA02K> Hayao Nakanishi (Aichi Cancer Center Aichi Hospital) "A New Therapeutic Modality with Plasma-Activated Medium Targeting Peritoneal Micrometastasis in Human Gastric Cancer Cell Lines in Nude Mice"								
Keynote Lecture <Chair> Y. Fujiwara (Osaka University)								
11:50-12:30 Keynote Lecture <02aA03K> Tom Gregorkiewicz (University of Amsterdam) "PECVD-Grown and Chemically Synthesized Semiconductor Nanocrystals for Photon Management in Future Photovoltaics"								
Lunch 12:30-14:00								
Plasma Science 1 Atmospheric-pressure Plasma <Chair> W. H. Choi (KAIST)	14:00-14:30 In invited Lecture <02pB04I> Laxminarayan L. Raja (The University of Texas) "Modeling and High-Fidelity Simulations of Atmospheric-Pressure Non-Equilibrium Discharges for the Processing of Liquids"	Nitride Semiconductors 1 <Chair> K. Naniwa (EL-Seed Corp.)	14:00-14:30 In invited Lecture <02pC04I> Qian Sun (Chinese Academy of Science) "GaN-on-Si LED, Laser Diode and HEMT"	Nanomaterials 1 Carbon/2D Materials <Chair> H. Kousaka (Gifu University) J. Shiomi (The University of Tokyo)	14:00-14:30 In invited Lecture <02pD04I> Junichiro Shiomi (The University of Tokyo) "Development of Nanocrystalline Thermoelectric Materials by Interfacial Phonon Engineering"	Bioapplications 1 Plasma Medicine <Chair> R. D. Short (University of South Australia)	14:00-14:30 In invited Lecture <02pE04I> Klaus-Dieter Weltmann (INP Greifswald e.V.) "Plasma Medicine Status of Basic Research and Transfer into the Hospital"	
	14:30-14:45 <02pB05O> 1013 Jun-Seok Oh "Ambient Mass Spectrometric Diagnosis of an Atmospheric Pressure He Plasma Jet"		14:30-15:00 1254 In invited Lecture <02pC05I> Natsumi Hayashi "Gan-based VCSELS with Lateral Optical Confinement Structures"		14:30-15:00 In invited Lecture <02pD05I> Hongwei Zhu (Tsinghua University) "Solid State Solar Cells and Photodetectors Based on Graphene"		14:30-14:45 1207 <02pE05O> Kuang-Yao Cheng "Effects of Applying Atmospheric-Pressure Plasma Jet on Wound Healing in Diabetic Rats"	
	14:45-15:00 1216 <02pB06O> Mohammad Pervez "Effect of N ₂ Admixture Ratio on Atmospheric Pressure He-N ₂ DBD"		15:00-15:15 1242 <02pC06O> Ryo Yoshizawa "Effect of Thermal Annealing on AlN Films Grown on Sputtered AlN Templates"		15:00-15:15 1316 <02pD06O> Atsushi Ando "Morphology and Electrical Studies on Defect-induced Transition Metal Dichalcogenide Nanosheet by O ₂ Plasma Treatment"		14:45-15:00 1021 <02pE06O> Endre SzilOxidation, Oxygenation and Decoagulation of Tissue and Tissue Fluid with Plasma Jets"	
	15:00-15:15 1001 <02pB07O> How-Ming Lee "Abatement of Perfluorocompounds with New Thermal Plasmas"						15:00-15:15 1202 <02pC07O> Yukihiko Kurokawa "Killing Effects of HeLa Cells in Laser-generated Plasma Activated Medium (LPAM) "	15:00-15:15 1097 <02pE07O> Chih-Tung Liu "Development of Nitrogen-based Cold Atmospheric Pressure Plasma Jet and its Application in Bacteria Sterilization"
	15:15-15:30 1020 <02pB08O> Adam Obrusnik "Atmospheric-pressure Plasma Deposition of Carboxyl-containing Co-polymers: Understanding Complex Chemistry through Simple Models"						15:15-15:30 1223 <02pC07O> Guan-Wei Fu "Quality Improvement of AlN-on-sapphire Epilayers by Inserting Superlattice Structures at a Low Growth Temperature (1100C)"	15:15-15:30 1120 <02pD07O> Xin Jiang "Fast Multi-Varieties Liquid Recognition and Quality Inspection with Graphene Test Papers"
	Break 15:30-15:45							
Plasma Science 2 Plasma <Chair> N. Ohno (Nagoya University)	15:45-16:15 In invited Lecture <02pB09I> Wonho Choi (KAIST) "Considerations for High Efficiency Non-Source Thermal Atmospheric Pressure Plasma Sources for Food Applications"	Thin Film Deposition Process <Chair> T. Ohta (Meijo University)		15:45-16:00 1078 <02pC08O> Ching-Chun Kao "Preparation of Conductive Antifouling Thin Films by Plasma Polymerization for Biomaterial Applications"		Nanomaterials 2 Nanowire <Chair> T. Yanagida (Kyushu University) H. Sato (Mie University)	15:45-16:15 In invited Lecture <02pD08I> Takeshi Yanagida (Kyushu University) "Single Crystalline Metal Oxide Nanowires and their Promises"	Bioapplications 2 Biosensing <Chair> M. Ito (Meijo University)
	16:15-16:30 1267 <02pB10O> Haruka Suzuki "Long-scale N ₂ Line Plasma Production under Atmospheric Pressure"		16:00-16:15 1127 <02pC09O> Yueh-Hang Huang "Synthesis of Zwitterionic Polymers for Antifouling by Plasma Polymerization"	16:15-16:30 1134 <02pD09O> Chi-Lin Tsai "Conversion of ZnS into Cu ₂ -xS Superlattice Nanobelts Through Cation Exchange Reactions"	16:00-16:15 1050 <02pE10O> Meng-Jiy Wang "Microwave Plasma Assisted Deposition of Graphene for Development of Enzymatic Calcium Biosensor based on H ₂ O ₂ Detection"			
	16:30-16:45 1288 <02pB11O> Md. Amzad Hossain "RF Magnetized Ring-Shaped Plasma for Uniform Cu Target Utilization by Circular Magnets Monopole Arrangement"		16:15-16:30 1052 <02pC10O> Chang-Li Luep "Enhancement of Optoelectronic Property on Ga-doped ZnO Thin Film by Various Thermal Annealing Treatments"	16:30-16:45 1069 <02pD10O> Gung-Hao Jhou "Thermoelectric Properties of Homologous In ₂ O ₃ (ZnO) _m Porous Nanowires"	16:15-16:30 1304 <02pE11O> Keisuke Itakura "A CMOS Electrochemical Impedance Spectroscopy Biosensor in 55nm DDC Technology for High-Sensitivity Cell-State Monitoring"			
	16:45-17:00 1183 <02pB12O> Yuichi Hasegawa "Control of Resonant Cavity Fields for Microwave Plasma Production"		16:30-16:45 1246 <02pC11O> Takuma Doi "Formation of SiC and SiCN Films by Chemical Vapor Deposition using Vinylsilane"	16:45-17:00 1311 <02pD11O> Hiroki Shibuya "Low-temperature Embedded Growth Over III-nitride Nanowires"	16:30-16:45 1352 <02pE12O> Masahito Yamanaka "Deep-tissue Imaging by High-resolution Optical Coherence Microscopy in 1700-nm Spectral Band"			
	Break 16:45-17:15							
Break 17:00-17:15			Break 17:00-17:15					
Poster Session @ 17:15-18:45								