

Oral Session

Keynote/Invited	Presentation NO	Presentation date	Time to start	Time to finish	Account: First name	Account: Middle name	Account: FAMILY NAME	Account: Affiliation	Abstract title
Chairperson: (Fumiyooshi Tochikubo, Tokyo Metropolitan Univ.)									
Keynote	C-8-K26-001	26 Sep.	10:30	10:55	Makoto		KAMBARA	University of Tokyo	Mesoplasma CVD for fast rate and high yield Si epitaxy
Invited	C-8-I26-002	26 Sep.	10:55	11:15	Kungen		TEII	Kyushu University	Plasma Deposition and Applications of Cubic Boron Nitride Films
Invited	C-8-I26-003	26 Sep.	11:15	11:35	Shojiro		KOMATSU	NIMS	Photo-Induced Formation of sp ³ -bonded BN Polytropic Forms with Extraordinary Large Lattice Parameter c in Laser-Plasma Synchronous CVD
Invited	C-8-I26-004	26 Sep.	11:35	11:55	Yasusei		YAMADA	National Institute of Advanced Industrial Science and Technology	Optical Switching Properties of Mg Alloy Based Switchable Mirrors
Lunch		26 Sep.	12:00	13:30					
Chairperson: (Shojiro KOMATSU, NIMS)									
Invited	C-8-I26-005	26 Sep.	13:30	13:50	Fumiyooshi		TOCHIKUBO	Tokyo Metropolitan University	Physical and chemical phenomena at gas-liquid interface using atmospheric pressure dc glow discharge with liquid cathode
Invited	C-8-I26-006	26 Sep.	13:50	14:10	Marko		EICHLER	Fraunhofer Institute for Surface Engineering and Thin Films	SELECT: Local plasma treatment without lithography
	C-8-O26-007	26 Sep.	14:10	14:25	Keiichiro		URABE	University of Tokyo	Optical diagnostics of atmospheric-pressure dielectric barrier discharge for microstructured material synthesis
Invited	C-8-I26-008	26 Sep.	14:25	14:45	Weimin		GUAN	Wuhan University	Synthesis of Metal Nanoparticles by Plasma-liquid Reaction
	C-8-O26-009	26 Sep.	14:45	15:00	Mudtorlep		NISOA	Walailak University	Characteristics of capillary discharges of bubbles inside water
Invited	C-8-I26-010	26 Sep.	15:00	15:20	Kenji		ISHIKAWA	Nagoya University	Real-time / In-situ Electron Spin Resonance Analysis of Surface Reactions on Organic / Biological Materials Interacted with Plasmas
Invited	C-8-I26-011	26 Sep.	15:20	15:40	Joanna		PAWLAT	Lublin University of Technology	Decontamination of Heat Sensitive Surfaces Using Atmospheric Pressure Plasma Jet
	C-8-O26-012	26 Sep.	15:40	15:55	Dheerawan		BOONYAWAN	Chiang Mai University	Atmospheric Plasma Jet on Prosthodontic Resin : from disinfection to decontamination
Chairperson: (Kenji ISHIKAWA, Nagoya University)									
Invited	C-8-I27-001	27 Sep.	10:30	10:50	Christine		CHARLES	The Australian National University	Plasmas create new paths for carbon nanotube-based fuel cell electrodes and arrays of polymer with selective biological responses.
	C-8-O27-002	27 Sep.	10:50	11:05	Toshiro		KANEKO	Tohoku University	Infrared Solar Cells Based on p-n Junction Embedded Single-Walled Carbon Nanotubes Formed by the Plasma Ion Irradiation
	C-8-O27-003	27 Sep.	11:05	11:20	Soon Cheon		CHO	Tohoku University	Control of Plasma Potential for High Yield Synthesis of N@C60 in RF Plasma and Properties of N@C60 Under the UV-Irradiation
	C-8-O27-004	27 Sep.	11:20	11:35	Satomi		TAJIMA	Nagoya University	Chemical dry etching of poly-Si and single crystal Si using NO and F2 gas mixture without using plasmas

Poster Session

Presentation NO	Presentation date	Time to start	Time to finish	Account: First name	Account: Middle name	Account: FAMILY NAME	Account: Affiliation	Abstract title
C-8-P26-001	26 Sep.	16:30	18:30	Kazunari		KUWAHARA	Kyushu University	ZnO films with buffer layers crystallized via nitrogen mediation: effects of thickness of buffer layers
C-8-P26-002	26 Sep.	16:30	18:30	Kosuke		TAKENAKA	Osaka University	Plasma-Assisted Mist CVD with Inductively-Coupled RF Plasma Source for ZnO Film Formation
C-8-P26-003	26 Sep.	16:30	18:30	Koichi		MATSUSHIMA	Kyushu University	Fabrication of Zn-In-ON films with tunable optical bandgap for photovoltaic applications
C-8-P26-004	26 Sep.	16:30	18:30	Yasushi		INOUE	Chiba Institute of Technology	Cyclic durability for adsorption-induced electrochromism of InN films with isolated nanocolumnar structure
C-8-P26-005	26 Sep.	16:30	18:30	Hiroharu		KAWASAKI	Sasebo National College of Technology	Titanium Oxide Thin Film Preparation by Pulsed Laser Deposition Method Using a Powder Target
C-8-P26-006	26 Sep.	16:30	18:30	Kosuke		HATOZAKI	Kyushu University	Hydrogenated Amorphous Silicon Solar Cells Fabricated by a Multi-hollow Discharge Plasma CVD Method
C-8-P26-007	26 Sep.	16:30	18:30	Tamiko		OHSHIMA	Sasebo National College of Technology	Size and Crystallinity Dependence of Metal Nanodots Formed using Organometallic Solutions on Heating Conditions
C-8-P26-008	26 Sep.	16:30	18:30	Toru		HARIGAI	Kochi University of Technology	Control of Nanotexturing on DLC Surface by RF O ₂ Plasma Using Thin Metal Layer
C-8-P26-009	26 Sep.	16:30	18:30	Ryuhei		TORIGOE	Kyushu university	Preparation of hard carbon films by using H-assisted plasma CVD
C-8-P26-010	26 Sep.	16:30	18:30	Tetsu		MIENO	Shizuoka University	Continuous Production of Carbon Nanotubes and Carbon Nano-Particles by Revolver-Injection Type Arc-Jet Producer
C-8-P26-011	26 Sep.	16:30	18:30	Yoshiyuki		Suda	Toyohashi University of Technology	Effects of Dielectric Barrier Discharge Treatment Conditions on Carbon Nanofibers -Their Stand-up and Enhancement of Field Emission Property-
C-8-P26-012	26 Sep.	16:30	18:30	Yoshie		ISHIKAWA	Kagawa University	Submicrometer Sphere Fabrication by Pulsed Laser Melting in Liquid
C-8-P26-013	26 Sep.	16:30	18:30	Yasushi		INOUE	Chiba Institute of Technology	Synthesis and deposition of SiO ₂ CH nanoparticles in PECVD process
C-8-P26-014	26 Sep.	16:30	18:30	Wahyu		DIONO	Kumamoto University	Oxidative Decoloration of Dyes and Decomposition of Organic Chemical Compounds by Pulsed Discharge Plasma over a Water Surface under Argon Atmospheric
C-8-P26-015	26 Sep.	16:30	18:30	Naoki		SHIRAI	Tokyo Metropolitan University	Generation of atmospheric negative corona discharge using Taylor cone as liquid electrode
C-8-P26-016	26 Sep.	16:30	18:30	Tatsuya		MISAWA	Saga University	Stability of atmospheric plasma generated by water-dielectric multi-layer electrode
C-8-P26-017	26 Sep.	16:30	18:30	Siti		MACHMUDAH	Kumamoto University	Mechanism of Silver Nanoparticles Formation by Pulsed Laser Ablation under Supercritical CO ₂
C-8-P26-018	26 Sep.	16:30	18:30	Nobuya		HAYASHI	Kyushu University	Inactivation Characteristics of Bacillus Spore and Virus RNA in Liquid Using Atmospheric Torch Plasma Produced by Barrier Discharge
C-8-P26-019	26 Sep.	16:30	18:30	Yusuke		AKIYOSHI	Saga Univ.	Mechanism of plant growth enhancement by atmospheric pressure torch plasma irradiation
C-8-P26-020	26 Sep.	16:30	18:30	Takayuki		Ayabe	Saga Univ.	Sterilization of Small Dental Equipment Using Air Torch Plasma Produced by Microwave Discharge
C-8-P26-021	26 Sep.	16:30	18:30	Nobuya		HAYASHI	Kyushu University	Oxidation Properties of Amino Acids Using Oxygen Plasmas and Mechanism of Plant Growth Enhancement
C-8-P26-022	26 Sep.	16:30	18:30	Yoshihito		YAGYU	Sasebo National College of Technology	Effect of Low-Pressure Plasma Irradiation on Microorganisms for Agricultural Seed Disinfection
C-8-P26-023	26 Sep.	16:30	18:30	Ping		HUANG	Xi'an Jiaotong University	Nanoscale creep deformation in nanocrystalline metals