	Session	Session 名	Name	Affiliation	Abstract Title	**Room**	講演番号	講演日	時間
1	Plenary	Plenary Lecture	Jiro Kasahara	Nagoya University	Detonation-Engine-System Space Flight Experiments and Fundamental Researches	Room A	04aA01P	March 4, 2023	10:10-11:10
2	Keynote	Keynote Lecture	Yoshihide Kihara	Tokyo Electron Miyagi Ltd.	Novel Ultra-High Productivity and High Aspect Ratio Dielectric Etch Technology for 3D NAND Flash Memory	Room A	07aA08K	March 7, 2024	11:45-12:35
3	Keynote	Keynote Lecture	Uros Cvelbar	Jožef Stefan Institute	Hybrid Carbon Nanostructures for Advanced Energy Storage	Room A	04pA03K	March 4, 2023	12:10-13:00
4	Keynote	Keynote Lecture	Kevin Chen	The Hong Kong University of Science and Technology	Unlocking the Full Potential of GaN for Power Devices and Ics	Room A	05aA06K	March 5, 2024	11:30-12:20
5	Keynote	Keynote Lecture	Vandana Miller	Drexel University, USA	Non-Thermal Plasma as a Therapy for Viral Infections	Room A	05pA07K	March 5, 2024	12:20-13:10
6	Tutorial	Tutorial Lecture	Bruno Daudin	CEA-Grenoble	Overview of III-Nitrides Nanostructures Growth Using Plasma-Assisted Molecular Beam Epitaxy: From Quantum Wells and Quantum Dots to Nanowire Heterostructures	Room A	04aA02T	March 3, 2024	14:15-15:15
7	Tutorial	Tutorial Lecture	Daniel Chua	National University of Singapore	Nanotechnology: The Science Behind It and the Technology Ahead	Room A	04aA03T	March 3, 2024	15:30-16:30
8	Tutorial	Tutorial Lecture	David B. Graves	Princeton University, USA	Biological Effects of Nonequilibrium Plasma	Room A	04aA04T	March 3, 2024	16:45-17:45
9	Invited	Plasma Science & Technologies 4	Naoto Kodama	Nagoya University	Development of Electrical Circuit Protection Device Based on Gas properties Analysis of High-Temperature Arc and Hot Gas	Room B	05pB08I	March 5, 2024	14:30-15:00
10	Invited	Plasma Science & Technologies 3	Kazunori Takahashi	Tohoku University	Plasma Dynamics in a Magnetic Nozzle Radiofrequency Plasma Thruster	Room B	05aB01I	March 5, 2024	9:30-10:00
11	Invited	Plasma Science & Technologies 5	Oi Lun (Helena) Li	Pusan National University	Plasma-Engineered Negative Surface-Mediated Catalysts for Seawater-Based Electrochemical Devices	Room B	06aB01I	March 6, 2024	9:30-10:00
12	Invited	Plasma Science & Technologies 3	Po-Yu Chang	National Cheng-Kung University	Development of Pulsed-Plasma Thruster using an Unbalanced Theta Pinch	Room B	05aB02I	March 5, 2024	10:00-10:30
13	Invited	Plasma Science & Technologies 6	Ying-Hao Liao	National Yang Ming Chiao Tung University	Materials and Process innovation to Enable 3-Dimensional Semiconductor Devices	Room B	07aB01I	March 7, 2024	9:30-10:00
14	Invited	Plasma Science & Technologies 1	Ryo Ono	The University of Tokyo	Measurement of Single-Filament Streamer Discharge for Comparison with Two-Dimensional Simulation	Room B	04pB04I	March 4, 2024	14:40-15:10
15	Invited	Nitride Semiconductors 1	Hironori Okumura	University of Tsukuba	High-Temperature and High-Power Devices Using AlN	Room D	04pD05I	March 4, 2024	15:10-15:40
16	Invited	Nitride Semiconductors 1	Yongzhao YAO	Japan Fine Ceramics Center	Visualization of Structural Defects In B-Ga $_2O_3$ Using Synchrotron X-Ray Techniques For Power-Device Application	Room D	04pD04I	March 4, 2024	14:40-15:10
17	Invited	Nitride Semiconductors 4	Shuhei Ichikawa	Osaka University	Hybrid Integration of Eu-Doped GaN and InGaN LEDs towards Ultrahigh Definition Micro-LED Display	Room D	06aD02I	March 6, 2024	10:15-10:45
18	Invited	Nitride Semiconductors 2	Makoto Kasu	Saga University	Diamond High Power and Voltage MOSFETs:Physics, Fabrication, Static and Dynalnic Characterization	Room D	05aD03I	March 5, 2024	10:15-10:45
19	Invited	Nitride Semiconductors 3	Masataka Imura	National Institute for Materials Science (NIMS)	Development of Highly Tolerant Diamond Schottky Barrier Photodiodes for Deep-Ultraviolet Xenon Excimer Lamp and Protons Detection	Room D	05pD09I	March 5, 2024	14:45-15:15
20	Invited	Nitride Semiconductors 2	Yoshitaka Taniyasu	NTT Basic Research Laboratories	Recent Progress of AlN Based Ultra-Wide Bandgap Semiconductor Devices	Room D	05aD02I	March 5, 2024	9:45-10:15
21	Invited	Nitride Semiconductors 4	Ziyi Zhang	Asahi Kasei	AlGaN Based Laser Diode of UV-C Wavelength	Room D	06aD01I	March 6, 2024	9:45-10:15
22	Invited	Nitride Semiconductors 3	Shinya Ohmagari	National Institute of Advanced Industrial Science and Technology	Recalibration-Free Single-Use Concept Diamond-Based Electronic Tongue: Fast, Single-Drop, Portable Fingerprinting Analysis	Room D	05pD08I	March 5, 2024	14:15-14:45
23	Invited	Nitride Semiconductors 3	Alessandro Floriduz	Swiss Federal Institute of Technology in Lausanne (EPFL), Switzerland	Direct High-Temperature MOCVD Growth of High-Quality GaN on $ScAlMgO_4$: A Ppathway for High Performance Devices	Room D	05pD10I	March 5, 2024	15:15-15:45
24	Invited	Nitride Semiconductors 2	Srabanti Chowdhury	Stanford University	Diamond on GaN Integration at Low Temperatures with Remarkably High Thermal Conductivity and Low Thermal Boundary Resistance	Room D	05aD01I	March 5, 2024	9:15-9:45
25	Invited	Nanomaterials 5	Jun Xu	Nantong University/NanJing University	High-Efficient Absorption and Modulation of Solar Spectrum via Si-Based Hybrid Nanostructures	Room C	06aC01I	March 6, 2024	9:30-10:00
26	Invited	Nanomaterials 1	Hiroharu Kawasaki	National Institute of Technology, Sasebo College	Elemental Gradient Functional Thin Films Preparation by Sputtering with Mixed Powder Targets	Room C	04pC04I	March 4, 2024	14:40-15:10
27	Invited	Nanomaterials 6	Masashi Akabori	Japan Advanced Institute of Science and T	Magnetic Domain Control of Cofe/Mgo Nanolayer Patterns for Iii-V Semiconductor Spintronic Device Applications	Room C	06pC11I	March 6, 2024	16:40-17:10
28	Invited	Nanomaterials 3	Takayuki Hoshino	Nagoya University	Vitual Cathode Display for Biomolecules and Living Cells	Room C	05aC01I	March 5, 2024	9:30-10:00
29	Invited	Nanomaterials 4	Kazuhiro Gotoh	Niigata University	Development of Silicon Nanocrystals/Silicon Oxide Composite Films for Application to Crystalline Silicon Solar Cells	Room C	05pC02I	March 5, 2024	14:30-15:00
30	Invited	Nanomaterials 7	Hung-Yin Tsai	National Tsing Hua University	Study on Fabrication of Force Transducer Based on Carbon Nano-Flake Balls	Room C	07aC01I	March 7, 2024	9:30-10:00
31	Invited	Nanomaterials 2	Daniel Chua	National University of Singapore	Plasma-based fabrication of low-dimensional Carbon and Metal Dichalcogenide Nanocomposites for Electronics and Green Applications.	Room C	04pC09I	March 4, 2024	18:00-18:30
32	Invited	Bio Applications 3	Yun-Chien Cheng	National Yang Ming Chiao Tung University	Atmospheric-Pressure Plasma Effects on Cancer Cells and Equivalent Circuit Analysis to Improve Plasma Stability	Room E	07aE01I	March 7, 2024	9:30-10:00
33	Invited	Bio Applications 1	Sang Hye Ji	Korea Institute of Fusion Energy	Biodegradation of Low-Density Polyethylene by Plasma-Activated *Bacillus* Strain	Room E	05aE01I	March 5, 2024	9:30-10:00
34	Invited	Bio Applications 2	Kathrina Lois Magat Taaca	University of the Philippines Diliman	Utilizing Atmospheric Pressure Plasma in Developing Hydrogel Biomaterials	Room E	05pE08I	March 5, 2024	14:30-15:00
35	Topical Session	Topical session(APSPT-13): Semicond	Samuel Chiu	TSMC Account / Applied Materials Taiwan	Materials and Process innovation to Enable 3-Dimensional Semiconductor Devices	Room A	06aA08I	March 6, 2024	11:45-12:20
36	Topical Session	Topical session(APSPT-13): Semicond	Jenq-Gong Duh	National Tsing Hua University,Hsinchu,Taiwan	Solder joint reliability in microbump for microelectronic packages via thin film metallization and doping by surface modification techniques	Room A	06pA09I	March 6, 2024	12:20-12:55
37	ISPlasma Prize	Plasma Prize Lecture	Petoro Favia	University of Bari Aldo Moro	Gas Plasmas in Life Sciences, from Biomaterials to Agriculture	Room A		March 4, 2024	11:10-12:10
38	Hall of Fame	Plasma Materials Science Hall of Fame Prize Lecture 1	Uwe Czarnetzki	Ruhr University Bochum		Room A		March 6, 2024	14:40-15:30
39	Hall of Fame	Plasma Materials Science Hall of Fame Prize Lecture 2	Kazuo Terashima	The University of Tokyo		Room A		March 6, 2024	15:30-16:20