

Oral Session Schedule by Room (I)

Room	Cap.	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
		Sep. 10 (Fri)		Sep. 11 (Sat)		Sep. 12 (Sun)		Sep. 13 (Mon)			
N101	600	09:30 ~ 11:30 15.4 III-V-group nitride crystals	13:00 ~ 18:30 15.4 III-V-group nitride crystals	09:00 ~ 11:30 15.4 III-V-group nitride crystals	13:30 ~ 17:55 SPI (Open Symposium) Symposium in memory of Dr. Isamu Akasaki 13:30 ~ 15:55	09:00 ~ 11:45 15.4 III-V-group nitride crystals	13:00 ~ 18:30 15.4 III-V-group nitride crystals	09:00 ~ 11:45 15.4 III-V-group nitride crystals	13:00 ~ 18:30 15.4 III-V-group nitride crystals	09:00 ~ 11:30 15.4 III-V-group nitride crystals	13:00 ~ 18:00 15.4 III-V-group nitride crystals
N102	150	09:20 ~ 12:00 T21 Engineering Crystal Habit: Crystals and minerals grown at the universe	13:30 ~ 16:30 15.4 III-V-group nitride crystals	09:30 ~ 11:45 3.13 Semiconductor optical devices	T1 Physics (Science) Education and Human Resource Development under COVID-19 - Learning from Efforts in the Tokai and Another Area-	09:00 ~ 11:30 3.13 Semiconductor optical devices	13:30 ~ 17:30 15.4 III-V-group nitride crystals	09:00 ~ 11:30 3.10 Optical quantum physics and etching and surface treatment	13:30 ~ 17:30 15.4 III-V-group nitride crystals	09:00 ~ 11:30 3.10 Optical quantum physics and etching and surface treatment	13:30 ~ 16:45 3.14 Optical control devices and optical fibers
N103	150	13:45 ~ 18:00 3.13 Semiconductor optical devices	13:45 ~ 18:00 3.13 Semiconductor optical devices	09:00 ~ 11:45 3.13 Semiconductor optical devices	T1 Physics (Science) Education and Human Resource Development under COVID-19 - Learning from Efforts in the Tokai and Another Area-	09:00 ~ 11:45 3.10 Optical quantum physics and technologies	13:30 ~ 17:30 15.4 III-V-group nitride crystals	09:00 ~ 12:00 3.10 Optical quantum physics and technologies	13:30 ~ 17:45 3.10 Optical quantum physics and technologies	09:00 ~ 11:30 3.10 Optical control devices and optical fibers	13:30 ~ 16:45 3.14 Optical control devices and optical fibers
N104	142	09:00 ~ 11:30 16.3 Bulk, thin-film and other silicon-based solar cells	13:00 ~ 18:15 16.3 Bulk, thin-film and other silicon-based solar cells	09:30 ~ 11:30 9.5 New functional materials and new phenomena	13:30 ~ 17:00 16.1 Fundamental properties, evaluation, process and devices in disordered materials	09:30 ~ 11:30 9.5 New functional materials and new phenomena	13:00 ~ 18:15 16.3 Bulk, thin-film and other silicon-based solar cells	09:00 ~ 11:45 16.1 Fundamental properties, evaluation, process and devices in disordered materials	13:30 ~ 15:15 16.1 Fundamental properties, evaluation, process and devices in disordered materials	09:00 ~ 12:00 3.9 Terahertz technologies	13:30 ~ 17:15 3.9 Terahertz technologies
N105	180	13:30 ~ 17:15 17 Frontiers of superfunctionalities based on advanced biomimetics -From perception-processing-action to power generation-	13:30 ~ 17:15 17 Frontiers of superfunctionalities based on advanced biomimetics -From perception-processing-action to power generation-	09:30 ~ 12:00 T9 Deciphering and designing the functional orders exhibiting specific and unique functions of non-crystalline and crystalline solids	13:30 ~ 17:15 T9 Deciphering and designing the functional orders exhibiting specific and unique functions of non-crystalline and crystalline solids	09:30 ~ 12:00 T9 Deciphering and designing the functional orders exhibiting specific and unique functions of non-crystalline and crystalline solids	13:30 ~ 17:15 17 Frontiers of superfunctionalities based on advanced biomimetics -From perception-processing-action to power generation-	09:00 ~ 18:00 T22 Development and application of carbon nanotubes towards decarbonized society-30th Anniversary Symposium ~	13:30 ~ 18:00 T22 Development and application of carbon nanotubes towards decarbonized society-30th Anniversary Symposium ~	09:00 ~ 12:00 3.9 Terahertz technologies	13:30 ~ 17:15 3.9 Terahertz technologies
N106	154	09:00 ~ 11:45 3.8 Optical measurement, instrumentation, and sensor	13:30 ~ 16:30 3.8 Optical measurement, instrumentation, and sensor	09:00 ~ 11:45 3.8 Optical measurement, instrumentation, and sensor	13:30 ~ 17:00 16.1 Fundamental properties, evaluation, process and devices in disordered materials	09:00 ~ 11:45 3.8 Optical measurement, instrumentation, and sensor	13:30 ~ 16:30 3.8 Optical measurement, instrumentation, and sensor	09:00 ~ 12:00 22.1 Joint Session M "Phonon Engineering"	10:30 ~ 11:45 22.1 Joint Session M "Phonon Engineering"	13:30 ~ 15:00 22.1 Joint Session M "Phonon Engineering"	13:30 ~ 15:00 22.1 Joint Session M "Phonon Engineering"
N107	154	09:00 ~ 12:15 3.6 Ultrashort-pulse and high-intensity lasers	13:30 ~ 16:45 3.6 Ultrashort-pulse and high-intensity lasers	09:00 ~ 12:00 23.1 Joint Session N "Informatics"	13:30 ~ 18:00 23.1 Joint Session N "Informatics"	09:00 ~ 12:00 23.1 Joint Session N "Informatics"	13:30 ~ 16:45 3.6 Ultrashort-pulse and high-intensity lasers	09:00 ~ 11:15 3.1 Basic optics and frontier of optics	13:30 ~ 17:00 3.1 Basic optics and frontier of optics	13:30 ~ 17:30 3.1 Basic optics and frontier of optics	13:30 ~ 17:30 3.1 Basic optics and frontier of optics
N201	250	13:30 ~ 16:55 T4 State-of-the-art Scattering and Fluctuation Computational Imaging	13:30 ~ 16:55 T4 State-of-the-art Scattering and Fluctuation Computational Imaging	09:00 ~ 12:10 T17 Optical/magnetic control of biological functions for the elucidation of biological systems	13:30 ~ 17:15 T15 A new era of healthcare with sensing powered by AI and IoT	09:00 ~ 12:10 T17 Optical/magnetic control of biological functions for the elucidation of biological systems	13:30 ~ 16:55 T4 State-of-the-art Scattering and Fluctuation Computational Imaging	09:00 ~ 11:45 T23 Innovations and challenges in data accumulation and sharing on materials informatics	13:30 ~ 16:50 T23 Innovations and challenges in data accumulation and sharing on materials informatics	09:00 ~ 11:45 T2 (Open Symposium) Electrochemical reduction technology toward for the CO2 concentration reducing in the air	13:30 ~ 17:15 T2 (Open Symposium) Electrochemical reduction technology toward for the CO2 concentration reducing in the air
N202	150	09:30 ~ 12:00 15.5 Group IV crystals and alloys	13:30 ~ 18:30 15.5 Group IV crystals and alloys	09:00 ~ 12:30 T10 Interfacial Ion Dynamics for Solid State Ionics Devices	13:30 ~ 16:45 CS.5 Code-sharing Session of 3.11 & 3.12 & 13.5	09:00 ~ 12:30 T10 Interfacial Ion Dynamics for Solid State Ionics Devices	13:30 ~ 18:30 15.5 Group IV crystals and alloys	09:00 ~ 11:30 6.4 Thin films and New materials	13:30 ~ 16:45 6.4 Thin films and New materials	09:30 ~ 11:15 6.4 Thin films and New materials	13:30 ~ 16:00 6.4 Thin films and New materials
N204	140	09:00 ~ 12:15 CS.10 Code-sharing Session of 6.5 & 7.6	13:30 ~ 18:30 6.5 Surface Physics, Vacuum	09:30 ~ 12:15 13.9 Compound solar cells	13:30 ~ 17:00 13.9 Compound solar cells	09:30 ~ 12:15 13.9 Compound solar cells	13:30 ~ 18:30 6.5 Surface Physics, Vacuum	13:30 ~ 15:15 8.4 Plasma life sciences	13:30 ~ 15:15 8.4 Plasma life sciences	09:30 ~ 11:15 6.4 Thin films and New materials	13:30 ~ 16:00 6.4 Thin films and New materials
N205	180	13:00 ~ 15:15 3.2 Equipment optics and materials	13:00 ~ 15:15 3.2 Equipment optics and materials	09:00 ~ 12:00 CS.5 Code-sharing Session of 6.1 & 13.3 & 13.5	13:30 ~ 16:45 CS.5 Code-sharing Session of 3.11 & 3.12	09:00 ~ 12:00 CS.5 Code-sharing Session of 6.1 & 13.3 & 13.5	13:00 ~ 15:15 3.2 Equipment optics and materials	09:00 ~ 12:15 12.4 Organic light-emitting devices and organic transistors	13:45 ~ 17:45 12.4 Organic light-emitting devices and organic transistors	09:00 ~ 12:15 12.3 Functional Materials and Novel Devices	13:45 ~ 17:15 12.4 Organic light-emitting devices and organic transistors
N206	154	09:00 ~ 11:45 2.2 Radiation physics fundamentals & applications, radiation generators, new technology	13:30 ~ 17:00 2.2 Radiation physics fundamentals & applications, radiation generators, new technology	09:00 ~ 12:00 T19 Decommissioning of Fukushima Dai-ichi Nuclear Reactors, and Fukushima's Rehabilitation -What and How We Can Contribute as JSAP Specialists?-	13:30 ~ 17:15 T19 Decommissioning of Fukushima Dai-ichi Nuclear Reactors, and Fukushima's Rehabilitation -What and How We Can Contribute as JSAP Specialists?-	09:00 ~ 12:00 T19 Decommissioning of Fukushima Dai-ichi Nuclear Reactors, and Fukushima's Rehabilitation -What and How We Can Contribute as JSAP Specialists?-	13:30 ~ 17:00 2.2 Radiation physics fundamentals & applications, radiation generators, new technology	09:00 ~ 11:30 21.1 Joint Session K "Wide bandgap oxide semiconductor materials and devices"	13:00 ~ 18:15 21.1 Joint Session K "Wide bandgap oxide semiconductor materials and devices"	09:00 ~ 11:30 2.4 Medical application	13:30 ~ 15:00 2.4 Medical application
N207	154	09:00 ~ 12:00 12.6 Nanotechnology	13:30 ~ 18:00 12.6 Nanotechnology	09:30 ~ 12:00 3.15 Silicon photonics and integrated photonics	13:30 ~ 17:15 3.15 Silicon photonics and integrated photonics	09:30 ~ 12:00 3.15 Silicon photonics and integrated photonics	13:30 ~ 18:00 12.6 Nanotechnology	09:00 ~ 12:00 12.3 Functional Materials and Novel Devices	13:30 ~ 18:00 12.3 Functional Materials and Novel Devices	09:00 ~ 12:00 12.3 Functional Materials and Novel Devices	13:30 ~ 15:45 12.3 Functional Materials and Novel Devices
N221	100	10:00 ~ 12:00 15.1 Bulk crystal growth	13:30 ~ 16:15 15.1 Bulk crystal growth	09:00 ~ 12:00 17.3 Layered materials	13:30 ~ 17:00 17.3 Layered materials	09:00 ~ 12:00 17.3 Layered materials	13:30 ~ 16:15 15.1 Bulk crystal growth	13:30 ~ 16:30 2.1 Detection Devices	13:30 ~ 16:30 2.1 Detection Devices	09:00 ~ 12:00 12.3 Functional Materials and Novel Devices	13:30 ~ 17:00 12.1 Fabrications and Structure Controls
N301	250	09:00 ~ 11:45 T19 Decommissioning of Fukushima Dai-ichi Nuclear Reactors, and Fukushima's Rehabilitation -What and How We Can Contribute as JSAP Specialists?-	13:15 ~ 16:15 T19 Decommissioning of Fukushima Dai-ichi Nuclear Reactors, and Fukushima's Rehabilitation -What and How We Can Contribute as JSAP Specialists?-	09:00 ~ 12:00 6.6 Probe Microscopy	13:30 ~ 17:15 T12 Diversification of piezoelectrics - From sensors and actuators to 5G and IoT technologies -	09:00 ~ 12:00 6.6 Probe Microscopy	13:15 ~ 16:15 T19 Decommissioning of Fukushima Dai-ichi Nuclear Reactors, and Fukushima's Rehabilitation -What and How We Can Contribute as JSAP Specialists?-	09:00 ~ 11:30 6.1 Ferroelectric thin films	13:30 ~ 17:30 6.1 Ferroelectric thin films	10:00 ~ 11:30 6.6 Probe Microscopy	13:00 ~ 17:45 6.6 Probe Microscopy
N302	150	10:30 ~ 12:00 13.4 Si processing /Si based thin film / MEMS / Equipment technology	13:30 ~ 17:45 13.4 Si processing /Si based thin film / MEMS / Equipment technology	09:00 ~ 12:00 17.3 Layered materials	13:30 ~ 17:00 17.3 Layered materials	09:00 ~ 12:00 17.3 Layered materials	13:30 ~ 17:45 13.4 Si processing /Si based thin film / MEMS / Equipment technology	09:00 ~ 12:00 12.2 Characterization and Materials Physics	13:30 ~ 18:15 12.2 Characterization and Materials Physics	09:30 ~ 12:15 12.1 Fabrications and Structure Controls	13:30 ~ 17:00 12.1 Fabrications and Structure Controls
N303	150	09:00 ~ 11:45 13.8 Optical properties and light-emitting devices	13:30 ~ 18:30 13.8 Optical properties and light-emitting devices	09:00 ~ 12:00 17.3 Layered materials	13:30 ~ 17:00 17.3 Layered materials	09:00 ~ 12:00 17.3 Layered materials	13:30 ~ 18:30 13.8 Optical properties and light-emitting devices	09:00 ~ 11:45 13.6 Nanostructures, quantum phenomena, and nano quantum devices	13:30 ~ 16:30 13.6 Nanostructures, quantum phenomena, and nano quantum devices	09:30 ~ 12:15 12.1 Fabrications and Structure Controls	13:30 ~ 17:00 12.1 Fabrications and Structure Controls
N304	142	09:00 ~ 12:15 13.1 Fundamental properties, surface and interfaces, and simulations of Si related materials	13:30 ~ 16:15 13.1 Fundamental properties, surface and interfaces, and simulations of Si related materials	09:00 ~ 12:00 13.2 Exploratory Materials, Physical Properties, Devices	13:30 ~ 17:00 13.2 Exploratory Materials, Physical Properties, Devices	09:00 ~ 12:00 13.2 Exploratory Materials, Physical Properties, Devices	13:30 ~ 16:15 13.1 Fundamental properties, surface and interfaces, and simulations of Si related materials	09:00 ~ 12:00 13.5 Semiconductor devices/ Interconnect/ Integration technologies	13:30 ~ 17:15 13.5 Semiconductor devices/ Interconnect/ Integration technologies	09:00 ~ 12:00 13.5 Semiconductor devices/ Interconnect/ Integration technologies	13:30 ~ 15:45 17.1 Carbon nanotubes & other nanocarbon materials
N305	180	09:00 ~ 12:15 CS.8 Code-sharing Session of 4.5 & 17	13:30 ~ 18:30 3.7 Laser processing	09:00 ~ 12:00 13.7 Compound and power devices, process technology and characterization	13:30 ~ 16:15 13.7 Compound and power devices, process technology and characterization	09:00 ~ 12:00 13.7 Compound and power devices, process technology and characterization	13:30 ~ 18:30 3.7 Laser processing	09:00 ~ 11:45 13.7 Compound and power devices, process technology and characterization	13:30 ~ 17:15 13.7 Compound and power devices, process technology and characterization	09:00 ~ 12:00 13.7 Compound and power devices, process technology and characterization	13:30 ~ 15:45 17.1 Carbon nanotubes & other nanocarbon materials
N306	154	09:00 ~ 12:00 17.2 Graphene	13:30 ~ 18:15 17.2 Graphene	09:00 ~ 12:00 17.1 Carbon nanotubes & other nanocarbon materials	13:45 ~ 17:45 17.1 Carbon nanotubes & other nanocarbon materials	09:00 ~ 11:30 17.1 Carbon nanotubes & other nanocarbon materials	13:30 ~ 18:15 17.2 Graphene	09:00 ~ 11:45 13.7 Compound and power devices, process technology and characterization	13:30 ~ 17:15 13.7 Compound and power devices, process technology and characterization	09:00 ~ 12:00 13.4 Optical control devices and optical fibers	13:30 ~ 15:45 17.1 Carbon nanotubes & other nanocarbon materials
N307	154	13:30 ~ 17:15 7.1 X-ray technologies	13:30 ~ 17:15 7.1 X-ray technologies	09:00 ~ 12:15 4.7 Quantum Optics and Nonlinear Optics	13:30 ~ 14:45 4.7 Quantum Optics and Nonlinear Optics	09:00 ~ 12:15 4.7 Quantum Optics and Nonlinear Optics	13:30 ~ 17:15 7.1 X-ray technologies	09:00 ~ 12:00 12.1 Fabrications and Structure Controls	13:30 ~ 16:30 12.1 Fabrications and Structure Controls	09:00 ~ 12:00 12.1 Fabrications and Structure Controls	13:30 ~ 17:45 17.3 Layered materials
N321	190	09:00 ~ 12:00 3.7 Laser processing	13:00 ~ 13:45 15.2 II-VI and related compounds	09:00 ~ 12:00 3.7 Laser processing	13:30 ~ 15:45 3.7 Laser processing	09:00 ~ 12:00 3.7 Laser processing	13:00 ~ 13:45 15.2 II-VI and related compounds	09:00 ~ 12:00 3.11 Photonic structures and phenomena	13:30 ~ 17:45 3.11 Photonic structures and phenomena	09:15 ~ 12:00 3.11 Photonic structures and phenomena	13:30 ~ 17:45 3.11 Photonic structures and phenomena

Oral Session Schedule by Room (II)

Room	Cap.	Sep. 10 (Fri.)		Sep. 11 (Sat.)		Sep. 12 (Sun.)		Sep. 13 (Mon.)	
		AM	PM	AM	PM	AM	PM	AM	PM
N322	192		13:30 ~ 18:00 8.5 Plasma phenomena, emerging area of plasmas and their new applications	09:00 ~ 11:30 12.5 Organic solar cells	13:00 ~ 17:15 12.5 Organic solar cells	09:00 ~ 11:30 12.5 Organic solar cells	13:00 ~ 18:30 12.5 Organic solar cells	09:00 ~ 12:30 12.7 Biomedical Engineering and Biochips	13:30 ~ 18:00 12.7 Biomedical Engineering and Biochips
N323	192		13:00 ~ 16:15 13.3 Insulator technology	09:00 ~ 11:30 12.2 Characterization and Materials Physics	13:30 ~ 17:30 12.2 Characterization and Materials Physics	09:45 ~ 12:00 13.4 Si processing /Si based thin film / MEMS / Equipment technology	13:00 ~ 16:15 13.4 Si processing /Si based thin film / MEMS / Equipment technology	09:00 ~ 12:00 8.3 Plasma nanotechnology	13:00 ~ 16:45 CS.11 Code-sharing Session of 8.3 & 9.2 & 13.6 & 15.3
N324	192		13:00 ~ 16:35 T16 What the MRBE society can do for carbon neutrality	09:00 ~ 12:00 2.1 Detection Devices	13:30 ~ 16:45 T3 Current study and latest trend in radiation measurement technology and materials	09:00 ~ 11:30 10.5 Application of magnetic field SDGs	13:30 ~ 17:30 T14 Application of low magnetic field for field optics	13:00 ~ 16:30 3.12 Nanoscale optical science and near-field optics	13:00 ~ 17:00 3.12 Nanoscale optical science and near-field optics
N401		09:00 ~ 11:30 1.087.2 Applications and technologies of electron beams	13:00 ~ 15:45 7.2 Applications and technologies of electron beams	09:00 ~ 10:15 7.3 Micro/Nano patterning and fabrication	13:00 ~ 14:45 11.1 Fundamental properties	10:00 ~ 11:45 11.1 Fundamental properties	13:15 ~ 15:30 11.1 Fundamental properties		
N402		09:00 ~ 11:30 CS.1 Code-sharing Session of 2.3 & 7.5	13:00 ~ 15:45 CS.1 Code-sharing Session of 2.3 & 7.5	09:15 ~ 11:30 CS.1 Code-sharing Session of 2.3 & 7.5	13:00 ~ 15:45 11.2 Thin and thick superconducting films, coated conductors and film crystal growth	09:00 ~ 12:00 11.2 Thin and thick superconducting films, coated conductors and film crystal growth	13:30 ~ 16:15 11.2 Thin and thick superconducting films, coated conductors and film crystal growth		
N403		09:00 ~ 12:30 9.4 Dielectrics, ferroelectrics	13:30 ~ 18:00 9.2 Nanoparticles, Nanowires and Nanosheets	09:00 ~ 11:00 11.4 Analog applications and their related technologies	13:00 ~ 14:15 11.4 Analog applications and their related technologies	09:00 ~ 11:00 11.4 Analog applications and their related technologies	13:00 ~ 16:45 9.3 Nanoelectronics	09:00 ~ 11:15 9.3 Nanoelectronics	13:00 ~ 15:15 9.3 Nanoelectronics
N404		09:00 ~ 11:00 4.1 Plasmonics and Nanophotonics	13:00 ~ 17:45 4.1 Plasmonics and Nanophotonics	13:00 ~ 16:00 4.6 Terahertz Photonics	13:00 ~ 12:00 CS.2 Code-sharing Session of 3.3 & 4.4	09:00 ~ 12:00 CS.2 Code-sharing Session of 3.3 & 4.4	13:30 ~ 18:00 CS.2 Code-sharing Session of 3.3 & 4.4	09:00 ~ 11:30 CS.4 Code-sharing Session of 3.6 & 3.7 & 4.3	13:30 ~ 16:00 CS.4 Code-sharing Session of 3.6 & 3.7 & 4.3
N405		09:00 ~ 12:15 CS.6 Code-sharing Session of 3.13 & 4.2	13:45 ~ 17:15 CS.7 Code-sharing Session of 3.13 & 4.2	13:00 ~ 15:30 CS.8 Code-sharing Session of 4.5 & 17	13:00 ~ 11:30 4.6 Terahertz Photonics	09:00 ~ 11:30 4.6 Terahertz Photonics	13:00 ~ 16:00 4.6 Terahertz Photonics	09:00 ~ 10:15 15.2 Energy Harvesting	13:00 ~ 17:00 9.5 New functional materials and new phenomena
N406		09:15 ~ 12:00 9.4 Thermoelectric conversion	13:30 ~ 18:30 9.4 Thermoelectric conversion	13:00 ~ 18:00 9.5 III-V group epitaxial crystals, fundamentals of epitaxy	13:00 ~ 12:00 15.3 III-V group epitaxial crystals, fundamentals of epitaxy	09:00 ~ 12:00 15.3 III-V group epitaxial crystals, fundamentals of epitaxy	13:00 ~ 16:15 9.5 New functional materials and new phenomena	09:30 ~ 11:30 9.5 New functional materials and new phenomena	13:00 ~ 17:00 9.5 New functional materials and new phenomena
S101	510	09:00 ~ 12:50 T25 AI Accelerator: Next stage of artificial intelligence devices	13:30 ~ 17:15 T6 Recent progress in global quantum cryptography communication	09:50 ~ 12:10 N11 (Open Symposium) Critical Roles of Evolving Semiconductors in Evolution of AI	13:30 ~ 18:00 T24 (Open Symposium) Quantum Computer: Technologies to build a system, and anticipated applications	09:00 ~ 11:30 FS.1 Focused Session "AI Electronics"	13:00 ~ 17:30 FS.1 Focused Session "AI Electronics"	09:00 ~ 11:45 FS.1 Focused Session "AI Electronics"	
S201	398		13:00 ~ 17:05 T5 Innovation and development of new business created by photonics IV - Photonic startups launched from Industry and Academia -	09:00 ~ 12:00 T8 Thin film / surface physics research trends and future prospects -The 50th anniversary of Thin film and surface physics division-	13:00 ~ 18:30 T8 Thin film / surface physics research trends and future prospects -The 50th anniversary of Thin film and surface physics division-	09:00 ~ 11:45 T18 Next generation luminescent materials for optical devices	13:00 ~ 15:45 T18 Next generation luminescent materials for optical devices	09:00 ~ 11:30 21.1 Joint Session K "Wide bandgap oxide semiconductor materials and devices"	13:00 ~ 16:45 21.1 Joint Session K "Wide bandgap oxide semiconductor materials and devices"
S202	228		13:00 ~ 17:00 15.6 Group IV Compound Semiconductors (SiC)	10:00 ~ 11:30 3.5 Laser system and materials	13:00 ~ 15:30 3.5 Laser system and materials	13:00 ~ 18:30 2.5 Radiation-induced phosphors	13:00 ~ 18:30 2.5 Radiation-induced phosphors	13:00 ~ 17:40 T20 Sensor-Integration Technologies for Sensor Fusion era	13:00 ~ 17:00 6.3 Oxide electronics
S203	228		13:00 ~ 18:30 6.3 Oxide electronics	09:00 ~ 11:30 3.9 Terahertz technologies	13:00 ~ 15:30 6.3 Oxide electronics	09:00 ~ 11:30 6.3 Oxide electronics	13:00 ~ 16:30 6.3 Oxide electronics	13:00 ~ 11:30 6.3 Oxide electronics	13:00 ~ 17:00 6.3 Oxide electronics
S301	304		09:00 ~ 11:30 8.1 Plasma production and diagnostics	13:00 ~ 14:00 8.8 Plasma Electronics Division Award Speech	09:00 ~ 11:40 T11 Atomic layer processes for future device fabrication; Understanding surface reaction dynamics and its control	09:00 ~ 12:00 6.2 Carbon-based thin films	14:00 ~ 18:00 6.2 Carbon-based thin films	09:30 ~ 11:15 6.2 Carbon-based thin films	13:00 ~ 17:15 6.2 Carbon-based thin films
S302	273		09:00 ~ 12:00 10.2 Fundamental and exploratory device technologies for spin	13:30 ~ 18:30 10.2 Fundamental and exploratory device technologies for spin	09:00 ~ 12:00 10.3 Spin devices, magnetic memories and storages	09:00 ~ 10:45 10.3 Spin devices, magnetic memories and storages	13:30 ~ 18:15 10.4 Semiconductor spintronics, superconductor, multiferroics	09:00 ~ 12:00 10.1 Emerging materials in spintronics and magnetics (including fabrication and characterization methodologies)	13:30 ~ 17:45 10.1 Emerging materials in spintronics and magnetics (including fabrication and characterization methodologies)
S401	108		09:00 ~ 12:00 1.1 Interdisciplinary and General Physics	13:30 ~ 17:45 1.1 Interdisciplinary and General Physics	09:00 ~ 11:00 1.2 Education	09:15 ~ 11:30 1.3 Novel technologies and interdisciplinary engineering	13:00 ~ 18:15 1.4 Energy conversion, storage, resources and environment	13:00 ~ 15:45 1.5 Instrumentation, measurement and Metrology	13:00 ~ 15:45 1.5 Instrumentation, measurement and Metrology
S402	108		09:00 ~ 12:30 12.7 Biomedical Engineering and Biochips	13:30 ~ 18:30 12.7 Biomedical Engineering and Biochips	09:00 ~ 11:45 12.6 Nanobiototechnology	13:00 ~ 17:00 12.6 Nanobiototechnology	13:00 ~ 17:00 12.6 Nanobiototechnology		

Poster Session Schedule by Category

Category/Section	Date & Hours
1 Interdisciplinary Physics and Related Areas of Science and Technology	
1.1 Interdisciplinary and General Physics 1.2 Education 1.3 Novel technologies and interdisciplinary engineering 1.4 Energy conversion, storage, resources and environment 1.5 Instrumentation, measurement and Metrology 1.6 Ultrasonics	Sep. 21(Tue) 9 : 00~10 : 40
2 Ionizing Radiation	Sep. 21(Tue) 11 : 00~12 : 40 13 : 00~14 : 40
3 Optics and Photonics	
3.1 Basic optics and frontier of optics 3.2 Equipment optics and materials 3.4 Biomedical optics 3.5 Laser system and materials 3.7 Laser processing	Sep. 21(Tue) 15 : 00~16 : 40
3.8 Optical measurement, instrumentation, and sensor	Sep. 23(Thu.) 9 : 00~10 : 40
3.9 Terahertz technologies 3.10 Optical quantum physics and technologies 3.11 Photonic structures and phenomena 3.12 Nanoscale optical science and near-field optics 3.14 Optical control devices and optical fibers	Sep. 21(Tue) 17 : 00~18 : 40
6 Thin Films and Surfaces	
6.1 Ferroelectric thin films 6.2 Carbon-based thin films 6.3 Oxide electronics 6.4 Thin films and New materials	Sep.22(Wed.) 9 : 00~10 : 40
6.5 Surface Physics, Vacuum 6.6 Probe Microscopy	Sep.22(Wed.) 11 : 00~12 : 40
7 Beam Technology and Nanofabrication	Sep.22(Wed.) 11 : 00~12 : 40
8 Plasma Electronics	Sep.22(Wed.) 11 : 00~12 : 40 13 : 00~14 : 40
9 Applied Materials Science	
9.1 Dielectrics, ferroelectrics 9.2 Nanoparticles, Nanowires and Nanosheets 9.4 Thermoelectric conversion 9.5 New functional materials and new phenomena	Sep. 23(Thu.) 13 : 00~14 : 40
10 Spintronics and Magnetism	Sep.22(Wed.) 11 : 00~12 : 40 13 : 00~14 : 40
11 Superconductivity	Sep.22(Wed.) 13 : 00~14 : 40

Category/Section	Date & Hours
12 Organic Molecules and Bioelectronics	
12.1 Fabrications and Structure Controls 12.2 Characterization and Materials Physics	Sep.22(Wed.) 15 : 00~16 : 40
12.3 Functional Materials and Novel Devices	Sep. 23(Thu.) 9 : 00~10 : 40
12.4 Organic light-emitting devices and organic transistors	Sep.22(Wed.) 15 : 00~16 : 40
12.5 Organic solar cells 12.6 Nanobiotechnology 12.7 Biomedical Engineering and Biochips	Sep.22(Wed.) 17 : 00~18 : 40
13 Semiconductors	
13.1 Fundamental properties, surface and interface, and simulations of Si related materials 13.2 Exploratory Materials, Physical Properties, Devices 13.3 Insulator technology 13.4 Si processing /Si based thin film / MEMS / Equipment technology	Sep. 23(Thu.) 9 : 00~10 : 40
13.6 Nanostructures, quantum phenomena, and nano quantum devices 13.7 Compound and power devices, process technology and characterization 13.8 Optical properties and light-emitting devices 13.9 Compound solar cells	Sep. 23(Thu.) 11 : 00~12 : 40
15 Crystal Engineering	
15.1 Bulk crystal growth 15.3 III-V-group epitaxial crystals, Fundamentals of epitaxy 15.4 III-V-group nitride crystals 15.5 Group IV crystals and alloys 15.6 Group IV Compound Semiconductors (SiC) 15.7 Crystal characterization, impurities and crystal defects	Sep. 23(Thu.) 13 : 00~14 : 40
16 Amorphous and Microcrystalline Materials	
16.1 Fundamental properties, evaluation, process and devices in disordered materials 16.3 Bulk, thin-film and other silicon-based solar cells	Sep. 23(Thu.) 9 : 00~10 : 40
17 Nanocarbon Technology	Sep. 23(Thu.) 15 : 00~16 : 40 17 : 00~18 : 40
Joint Session K "Wide bandgap oxide semiconductor materials and devices"	Sep. 23(Thu.) 15 : 00~16 : 40
Joint Session M "Phonon Engineering"	Sep. 23(Thu.) 17 : 00~18 : 40