

Room	Cap.	March 22 (Fri.)		March 23 (Sat.)		March 24 (Sun.)		March 25 (Mon.)	
		AM	PM	AM	PM	AM	PM	AM	PM
1BB	120			9:30 ~ 11:45 12.1 Fabrications and Structure Controls	13:30 ~ 18:45 12.2 Characterization and Materials Physics	9:00 ~ 12:00 KS.1 Solid State Quantum Sensor Group	13:30 ~ 18:15 KS.1 Solid State Quantum Sensor Group		
1BC	120	11:00 ~ 12:00 Award Ceremony	16:00 ~ 18:00 Award Ceremony	9:00 ~ 12:30 12.3 Functional Materials and Novel Devices	13:30 ~ 19:00 12.3 Functional Materials and Novel Devices	9:00 ~ 12:30 12.3 Functional Materials and Novel Devices	13:30 ~ 19:00 12.3 Functional Materials and Novel Devices	9:00 ~ 12:00 12.2 Characterization and Materials Physics	13:30 ~ 16:30 12.2 Characterization and Materials Physics
1BJ	135	9:00 ~ 11:45 10.5 Application of magnetic field	13:30 ~ 16:50 T14 The forefront of analytical technology using magnetic fields 17:15 ~ 18:00 10.5 Application of magnetic field	9:00 ~ 11:45 3.14 Silicon photonics and integrated photonics	13:30 ~ 16:45 10.3 Spin devices, magnetic memories and storages		13:30 ~ 17:45 T11 Beyond Graphene	9:00 ~ 11:30 CS.6 Code-sharing Session of 6.1 & 13.3 & 13.5	13:00 ~ 14:45 CS.6 Code-sharing Session of 6.1 & 13.3 & 13.5
1BL	135	9:00 ~ 11:30 Tutorial(paid session)	13:30 ~ 18:00 T16 Is Fusion Energy the Key to Achieving Carbon Neutrality?	9:15 ~ 11:50 3.7 Optical measurement, instrumentation, and sensor	13:30 ~ 18:10 T23 Symposium Commemorating the 80th Anniversary of the Establishment of Solid-State Physics and Applications Division		13:30 ~ 18:00 T7 Innovative detection of light and spin based on hybrid materials and systems	9:00 ~ 12:00 12.7 Biomedical Engineering and Biochips	13:30 ~ 16:40 T2 (Open Symposium) Detector developments for radiation education and citizen science
1BM	135	9:30 ~ 12:00 Tutorial(paid session)	13:30 ~ 17:15 T17 (Open Symposium) Cutting edge nanotechnology for bio-sensor -Realization of a pandemic-free society with graphene FET sensors capable of rapid detection of human infectious viruses-	9:00 ~ 12:00 12.7 Biomedical Engineering and Biochips	13:30 ~ 18:00 12.7 Biomedical Engineering and Biochips	9:00 ~ 12:00 12.7 Biomedical Engineering and Biochips	13:30 ~ 17:05 T19 Physical chemistry and recent advances in self-assembly		
1BN	135	9:30 ~ 12:00 3.1 Basic optics and frontier of optics	13:30 ~ 17:50 T4 Recent advances in Laser-induced modification processes	9:00 ~ 11:45 12.6 Nanobiotechnology	13:30 ~ 17:15 12.6 Nanobiotechnology	9:00 ~ 12:30 12.6 Nanobiotechnology	13:30 ~ 17:20 T20 Frontiers of Bioresearch for Robotech assisted Future Medicine		13:00 ~ 17:00 NT2 (Open Symposium) Where do the voices of young, ice-age generation, and female researchers reach? -Proposal and requests based on a large-scale survey by EPMEWSE-
11E	135	9:30 ~ 12:00 CS.5 Code-sharing Session of 3.10 & 3.14	13:30 ~ 15:30 3.10 Photonic structures and phenomena	9:45 ~ 12:15 3.10 Photonic structures and phenomena	13:30 ~ 16:15 CS.4 Code-sharing Session of 3.10 & 3.12	9:45 ~ 12:15 3.10 Photonic structures and phenomena	13:30 ~ 16:00 3.10 Photonic structures and phenomena	9:00 ~ 11:45 3.8 Terahertz technologies	13:30 ~ 16:15 3.8 Terahertz technologies
11F	135		13:30 ~ 17:45 3.14 Silicon photonics and integrated photonics	9:00 ~ 12:00 3.11 Nanoscale optical science and near-field optics	13:30 ~ 18:15 3.11 Nanoscale optical science and near-field optics	10:00 ~ 12:00 3.11 Nanoscale optical science and near-field optics	13:00 ~ 16:00 3.11 Nanoscale optical science and near-field optics	9:00 ~ 12:00 3.11 Nanoscale optical science and near-field optics	13:30 ~ 16:00 1.2 Education
12A	120	9:00 ~ 12:00 3.12 Semiconductor optical devices	13:30 ~ 18:00 3.13 Optical control devices and optical fibers	10:00 ~ 11:30 3.2 Information photonics and image engineering	13:30 ~ 16:00 3.2 Information photonics and image engineering				
12B	120		14:00 ~ 16:30 Tutorial(paid session)	9:00 ~ 12:00 3.1 Basic optics and frontier of optics	13:30 ~ 17:15 3.1 Basic optics and frontier of optics	9:00 ~ 12:15 CS.10 Code-sharing Session of 16.2 & KS.3	13:30 ~ 17:45 CS.1 Code-sharing Session of 2.3 & 7.4	9:15 ~ 12:00 3.7 Optical measurement, instrumentation, and sensor	13:30 ~ 17:00 3.7 Optical measurement, instrumentation, and sensor
12C	120		13:00 ~ 18:00 KS.2 Quantum Information Engineering Group	9:00 ~ 11:45 3.3 Biomedical optics	13:30 ~ 17:15 3.3 Biomedical optics	9:00 ~ 9:30 1.1 Interdisciplinary and General Physics 9:30 ~ 11:45 1.3 Novel technologies and interdisciplinary engineering	13:30 ~ 16:45 1.5 Instrumentation, measurement and Metrology	9:00 ~ 11:30 1.4 Energy conversion, storage, resources and environment	13:30 ~ 16:00 1.4 Energy conversion, storage, resources and environment
12D	120			9:00 ~ 12:00 10.2 Fundamental and exploratory device technologies for spin	13:30 ~ 17:30 10.2 Fundamental and exploratory device technologies for spin	9:45 ~ 12:30 2.5 Radiation-induced phosphors	13:45 ~ 18:00 2.5 Radiation-induced phosphors	9:45 ~ 12:30 2.5 Radiation-induced phosphors	
12E	120	9:15 ~ 12:00 2.1 Detection Devices	13:30 ~ 17:00 2.1 Detection Devices	9:00 ~ 12:30 6.2 Ultrasonics	13:30 ~ 17:00 6.2 Carbon-based thin films	9:30 ~ 12:00 2.2 Radiation physics fundamentals & applications, radiation generators, new technology	13:30 ~ 15:00 2.2 Radiation physics fundamentals & applications, radiation generators, new technology	9:00 ~ 11:15 2.4 Medical application	13:30 ~ 16:00 2.4 Medical application
12F	120			9:30 ~ 11:45 6.6 Probe Microscopy	13:30 ~ 17:15 6.6 Probe Microscopy	9:00 ~ 12:00 15.7 Crystal characterization, impurities and crystal defects	13:30 ~ 15:45 15.7 Crystal characterization, impurities and crystal defects	9:00 ~ 11:15 6.4 Thin films and New materials	
12G	120	9:00 ~ 11:30 8.1 Plasma production and diagnostics	14:15 ~ 17:45 8.1 Plasma production and diagnostics 17:45 ~ 18:15 8.6 Plasma Electronics English Session		13:30 ~ 17:30 CS.7 Code-sharing Session of 6.5 & 7.5	9:30 ~ 11:45 6.3 Oxide electronics	13:30 ~ 17:15 6.3 Oxide electronics		
12H	135	9:00 ~ 11:15 8.4 Plasma life sciences	13:00 ~ 13:45 8.7 Plasma Electronics Invited Talk 14:15 ~ 17:00 8.4 Plasma life sciences	9:00 ~ 12:00 6.1 Ferroelectric thin films	13:30 ~ 16:30 6.1 Ferroelectric thin films	9:00 ~ 11:30 6.1 Ferroelectric thin films	13:30 ~ 18:00 6.4 Thin films and New materials	9:00 ~ 10:15 6.2 Carbon-based thin films	13:30 ~ 16:45 6.2 Carbon-based thin films
12J	135	9:00 ~ 11:45 13.5 Semiconductor devices/ Interconnect/Integration technologies	13:30 ~ 15:45 13.3 Insulator technology	9:00 ~ 12:15 13.5 Semiconductor devices/ Interconnect/Integration technologies	13:30 ~ 16:45 13.5 Semiconductor devices/ Interconnect/Integration technologies	9:15 ~ 11:45 13.8 Optical properties and light-emitting devices	15:45 ~ 18:00 CS.8 Code-sharing Session of 8.3 & 9.2	9:00 ~ 12:00 13.1 Fundamental properties, surface and interface, and simulations of Si related materials	
12K	135	9:00 ~ 12:00 10.1 Emerging materials in spintronics and magnetics (including fabrication and characterization methodologies)	13:30 ~ 17:30 10.1 Emerging materials in spintronics and magnetics (including fabrication and characterization methodologies)	9:00 ~ 11:15 13.4 Si processing /Si based thin film / MEMS / Equipment technology	13:30 ~ 18:00 13.4 Si processing /Si based thin film / MEMS / Equipment technology	9:00 ~ 12:00 13.2 Exploratory Materials, Physical Properties, Devices	13:30 ~ 15:15 13.2 Exploratory Materials, Physical Properties, Devices	9:30 ~ 12:00 13.6 Nanostructures, quantum phenomena, and nano quantum devices	13:30 ~ 16:00 13.6 Nanostructures, quantum phenomena, and nano quantum devices
12L	120			9:30 ~ 12:15 13.9 Compound solar cells	13:30 ~ 16:15 13.9 Compound solar cells				
12M	120			9:00 ~ 11:45 16.1 Fundamental properties, evaluation, process and devices in disordered materials	13:30 ~ 17:00 16.1 Fundamental properties, evaluation, process and devices in disordered materials		13:00 ~ 19:00 16.3 Bulk, thin-film and other silicon-based solar cells	9:00 ~ 12:00 7.2 Applications and technologies of electron beams	13:00 ~ 17:00 7.1 X-ray technologies
12N	120	9:00 ~ 11:45 7.3 Micro/Nano patterning and fabrication	13:30 ~ 16:30 15.1 Bulk crystal growth	9:00 ~ 11:45 11.3 Critical Current, Superconducting Power Applications	13:30 ~ 17:45 11.2 Thin and thick superconducting films, coated conductors and film crystal growth		13:30 ~ 16:30 11.5 Junction and circuit fabrication process, digital applications	9:00 ~ 12:00 11.4 Analog applications and their related technologies	
12P	120	9:00 ~ 12:00 9.1 Dielectrics, ferroelectrics		9:30 ~ 11:00 11.1 Fundamental properties	13:30 ~ 15:30 9.3 Nanoelectronics	9:30 ~ 11:45 11.1 Fundamental properties	13:30 ~ 15:45 11.1 Fundamental properties	9:30 ~ 11:45 3.9 Optical quantum physics and technologies	13:25 ~ 16:45 3.9 Optical quantum physics and technologies
13M	135	9:30 ~ 12:00 3.6 Laser processing	13:30 ~ 18:15 3.15 Optics and Photonics English Session	9:00 ~ 12:00 3.6 Laser processing	13:30 ~ 18:15 3.6 Laser processing				
13N	135	9:00 ~ 11:15 3.5 Ultrashort-pulse and high-intensity lasers	13:30 ~ 16:15 3.5 Ultrashort-pulse and high-intensity lasers	9:00 ~ 12:00 3.5 Ultrashort-pulse and high-intensity lasers	13:30 ~ 15:45 3.5 Ultrashort-pulse and high-intensity lasers				
13P	135	9:00 ~ 12:00 9.4 Thermoelectric conversion	13:30 ~ 16:30 9.4 Thermoelectric conversion	9:00 ~ 11:00 9.4 Thermoelectric conversion	13:30 ~ 16:30 3.4 Laser system and materials	9:00 ~ 10:45 CS.2 Code-sharing Session of 3.4 & 3.13	13:30 ~ 17:15 3.1 Basic optics and frontier of optics		

Bldg No.1

Schedule by Room (2)

Room	Cap.	March 22 (Fri.)		March 23 (Sat.)		March 24 (Sun.)		March 25 (Mon.)		
		AM	PM	AM	PM	AM	PM	AM	PM	
Bldg No.2	21B	120			13:15 ~ 17:00 22.1 Joint Session M "Phonon Engineering"	10:00 ~ 11:00 22.1 Joint Session M "Phonon Engineering"	13:00 ~ 16:30 22.1 Joint Session M "Phonon Engineering"			
	21C	225	9:45 ~ 11:30 15.4 III-V-group nitride crystals	13:00 ~ 18:00 15.4 III-V-group nitride crystals	9:00 ~ 11:30 15.4 III-V-group nitride crystals	13:00 ~ 18:15 15.4 III-V-group nitride crystals	9:00 ~ 11:30 15.4 III-V-group nitride crystals	9:00 ~ 11:45 15.4 III-V-group nitride crystals	13:30 ~ 15:00 15.4 III-V-group nitride crystals	
	22A	112			9:45 ~ 11:30 15.5 Group IV crystals and alloys	13:00 ~ 15:00 15.5 Group IV crystals and alloys	9:30 ~ 11:30 15.3 III-V-group epitaxial crystals, Fundamentals of epitaxy	13:30 ~ 15:30 15.3 III-V-group epitaxial crystals, Fundamentals of epitaxy	9:00 ~ 10:15 15.2 II-VI and related compounds	
	22B	112			13:00 ~ 16:45 FS.1 Focused Session "AI Electronics"		12.4 Organic light-emitting devices and organic transistors	12.4 Organic light-emitting devices and organic transistors		
	22C	225	10:00 ~ 11:40 T18 (Open Symposium) What is Needed for Social Implementation of Organic Photovoltaic Cells: Common Fundamental Technologies with Perovskite Solar Cells	13:00 ~ 15:45 T18 (Open Symposium) What is Needed for Social Implementation of Organic Photovoltaic Cells: Common Fundamental Technologies with Perovskite Solar Cells	9:00 ~ 12:00 12.5 Organic and hybrid solar cells	13:00 ~ 16:30 12.5 Organic and hybrid solar cells	9:00 ~ 11:30 12.5 Organic and hybrid solar cells	13:00 ~ 16:30 12.5 Organic and hybrid solar cells	10:00 ~ 11:30 12.5 Organic and hybrid solar cells	13:00 ~ 16:00 CS.9 Code-sharing Session of 12.5 & 13.9 & 16.3
Bldg No.3	31A	160			9:00 ~ 11:30 21.1 Joint Session K "Wide bandgap oxide semiconductor materials and devices"	13:00 ~ 17:00 21.1 Joint Session K "Wide bandgap oxide semiconductor materials and devices"	9:00 ~ 11:30 FS.1 Focused Session "AI Electronics"	13:00 ~ 17:00 FS.1 Focused Session "AI Electronics"	9:00 ~ 11:30 FS.1 Focused Session "AI Electronics"	13:00 ~ 15:45 FS.1 Focused Session "AI Electronics"
	31B	160			9:30 ~ 11:30 17.3 Layered materials	13:00 ~ 18:00 17.3 Layered materials	9:00 ~ 11:30 17.3 Layered materials	13:30 ~ 17:45 8.5 Plasma phenomena, emerging area of plasmas and their new applications	9:15 ~ 11:30 9.2 Nanoparticles, Nanowires and Nanosheets	13:00 ~ 16:30 9.2 Nanoparticles, Nanowires and Nanosheets
	32A	120		13:00 ~ 15:45 17.1 Carbon nanotubes & other nanocarbon materials	9:30 ~ 11:15 17.2 Graphene	13:00 ~ 14:15 17.2 Graphene 14:15 ~ 17:30 17.1 Carbon nanotubes & other nanocarbon materials	9:00 ~ 11:30 17.2 Graphene	13:30 ~ 17:45 9.5 New functional materials and new phenomena	9:00 ~ 11:45 9.5 New functional materials and new phenomena	
Bldg No.5	52A	160	9:00 ~ 11:45 23.1 Joint Session N "Informatics"	13:00 ~ 17:45 23.1 Joint Session N "Informatics"	9:00 ~ 11:30 15.6 Group IV Compound Semiconductors (SiC)	13:00 ~ 18:15 13.7 Compound and power devices, process technology and characterization	9:00 ~ 11:30 13.7 Compound and power devices, process technology and characterization	13:00 ~ 18:15 13.7 Compound and power devices, process technology and characterization	9:00 ~ 11:30 13.7 Compound and power devices, process technology and characterization	13:00 ~ 14:30 13.7 Compound and power devices, process technology and characterization
Bldg No.6	61A	204		13:30 ~ 17:30 T1 Development of Scientists and Engineers for 21st Century - Development of human resources and succession of technique in the organization -	9:00 ~ 11:40 T26 Frontiers of Energy Harvesting - Young Researchers Challenging Green Transformation -	13:00 ~ 15:10 T26 Frontiers of Energy Harvesting - Young Researchers Challenging Green Transformation -	9:45 ~ 11:30 21.1 Joint Session K "Wide bandgap oxide semiconductor materials and devices"	13:30 ~ 17:00 T8 Frontier of Devices and Systems for 3D Optical Sensing	9:30 ~ 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"
	61B	204		13:30 ~ 17:20 T9 Piezoelectric Device Applications of Oxide Materials	9:15 ~ 11:45 NT1 (Open Symposium) Challenge to the Future - Vision of Future Society Pioneered by Cutting-Edge Semiconductors	13:30 ~ 16:15 T10 Sensing technology combining AI with biomimetics - Learning from nature, creating the future -	9:00 ~ 11:30 8.2 Plasma deposition of thin film, plasma etching and surface treatment	13:30 ~ 17:10 T12 "Plan just before the start of operation" We will teach you how to use NanoTerasul!	9:15 ~ 11:30 8.2 Plasma deposition of thin film, plasma etching and surface treatment	13:00 ~ 15:30 8.2 Plasma deposition of thin film, plasma etching and surface treatment
	61C	357	9:00 ~ 11:30 13.4 Si processing /Si based thin film / MEMS / Equipment technology	13:30 ~ 16:35 T24 Progress in the semiconductor industry contributing to expanding IoT market and what are core technologies ?	9:00 ~ 11:45 T27 (Open Symposium) Informatics for Materials Science and Brain Science	13:00 ~ 16:35 T27 (Open Symposium) Informatics for Materials Science and Brain Science		13:00 ~ 16:30 T25 Progress in deep ultraviolet light devices	9:00 ~ 11:45 23.1 Joint Session N "Informatics"	13:00 ~ 16:30 23.1 Joint Session N "Informatics"
Bldg No.7	71A	250		13:30 ~ 17:30 T21 (Open Symposium) A la carte Packaging Technologies: Challenges and Future Prospects of Advanced Semiconductor Packaging Technologies	9:30 ~ 11:15 8.7 Plasma Electronics Invited Talk	13:30 ~ 18:20 T13 Plasma Explores New Frontiers in Nano Particles and Quantum Dots	9:00 ~ 11:30 3.8 Terahertz technologies	13:30 ~ 17:00 T6 (Open Symposium) Quantum Electronics Research Group 50th Anniversary Symposium	9:00 ~ 11:30 T3 (Open Symposium) Applied Physics Enhances Sense of Presence in the Metaverse III	13:00 ~ 16:00 T3 (Open Symposium) Applied Physics Enhances Sense of Presence in the Metaverse III
	71B	252		13:30 ~ 16:45 T22 Functionality and physical properties of multi-compounds for the future		13:30 ~ 18:20 T5 Polarization-reversed optical materials and devices - developments and applications-	9:00 ~ 11:30 10.4 Spintronics in semiconductor, topological material, superconductor, and memory applications	13:30 ~ 17:25 T15 Spintronics Technology: Frontiers of Tunnel Magnetoresistance Research and Memory Applications	9:00 ~ 11:30 17.3 Layered materials	13:00 ~ 16:45 10.4 Spintronics in semiconductor, topological material, superconductor, and multiferroics
Bldg No.9	P	Poster Session		[13:30-15:30] 12.2 Characterization and Materials Physics 12.4 Organic light-emitting devices and organic transistors 12.5 Organic and hybrid solar cells 13.7 Compound and power devices, process technology and characterization 15.6 Group IV Compound Semiconductors (SiC)	[09:30-11:30] 3.4 Laser system and materials (formerly 3.5)	[13:30-15:30] 2 Ionizing Radiation 12.1 Fabrications and Structure Controls 13.2 Exploratory Materials, Physical Properties, Devices 13.8 Optical properties and light-emitting devices	[09:30-11:30] 3.1 Basic optics and frontier of optics (merged with formerly 3.2 Equipment optics and materials) 3.2 Information photonics and image engineering (formerly 3.3) 3.3 Biomedical optics (formerly 3.4) 3.6 Laser processing (formerly 3.7) 3.7 Optical measurement, instrumentation, and sensor (formerly 3.8) 3.11 Nanoscale optical science and near-field optics (formerly 3.12) 3.12 Semiconductor optical devices (formerly 3.13)	[13:30-15:30] 6.1 Ferroelectric thin films 6.2 Carbon-based thin films 6.5 Surface Physics, Vacuum 6.6 Probe Microscopy 9 Applied Materials Science 13.9 Compound solar cells 23 Joint Session N "Informatics"	[09:30-11:30] 10 Spintronics and Magnetics 15.3 III-V-group epitaxial crystals, Fundamentals of epitaxy 15.4 III-V-group nitride crystals 15.7 Crystal characterization, impurities and crystal defects 16 Amorphous and Microcrystalline Materials KS Sessions organized by JSAP's Professional Group	
				[16:00-18:00] 3.10 Photonic structures and phenomena (formerly 3.11) 17 Nanocarbon and Two-Dimensional Materials 22 Joint Session M "Phonon Engineering"	3.5 Ultrashort-pulse and high-intensity lasers (formerly 3.6) 3.8 Terahertz technologies (formerly 3.9) 3.9 Optical quantum physics and technologies (formerly 3.10) 3.13 Optical control devices and optical fibers (formerly 3.14) 6.3 Oxide electronics 6.4 Thin films and New materials 7 Beam Technology and Nanofabrication FS Focused Session "AI Electronics"	[16:00-18:00] 1 Interdisciplinary Physics and Related Areas of Science and Technology	3.14 Silicon photonics and integrated photonics (formerly 3.15) 8.3 Plasma nanotechnology 8.5 Plasma phenomena, emerging area of plasmas and their new applications 15.1 Bulk crystal growth 15.5 Group IV crystals and alloys	[16:00-18:00] 8.1 Plasma production and diagnostics 8.2 Plasma deposition of thin film, plasma etching and surface treatment 8.4 Plasma life sciences 13.1 Fundamental properties, surface and interface, and simulations of Si related materials 13.3 Insulator technology 13.4 Si processing /Si based thin film / MEMS / Equipment technology 13.5 Semiconductor devices/ Interconnect/ Integration technologies 13.6 Nanostructures, quantum phenomena, and nano quantum devices 21 Joint Session K "Wide bandgap oxide semiconductor materials and devices"		