Schedule by Category (1)

Category	March 15 (Sun.)		March 16 (Mon.)		March 17 (Tue.)		March 18 (Wed.)	
Section	AM	PM	AM	PM	AM	PM	AM	PM
S Symposium								
NT1 (Public Symposium) Attention Job Seeking Students! Exploring the Fusion of AI and Semiconductors: Scientific Insights and Engineering Challenges				WL1_401 13:30 ~ 16:25				
NT2 (Public Symposium) How can we achieve D&I with international diversity in academia and industry in the field of applied physics?		WL1_401 13:30 ~ 17:30						
NT3 (Public Symposium) Can semiconductor technology improve well-being?						WL1_201 13:30 ~ 18:00		
T1 Lab to Fab 2: Bridging Semiconductor Research with Scalable and Sustainable Manufacturing				W9_222 13:30 ~ 18:00				
T2 Human Resource Development and Technology Transfer in Business and Education: Current Status and Future Outlook				M_B07 13:30 ~ 17:15				
T3 Opening the Future of Decommissioning with Radiation Measurement Technologies: Challenges and Progress at Fukushima Daiichi Nuclear Power Station		M_B07 13:30 ~ 16:45						
T4 Frontiers and Perspectives on Fault-Tolerant Quantum Computing		M_178 13:30 ~ 18:20						
T5 Chirality in Optics : Fundamentals and Innovative Technologies		S2_203 13:30 ~ 16:55						
T6 Metasurfaces Close to Practical Realization				S2_204 13:30 ~ 17:50				
T7 Innovation in Physical Chemistry and Quantum Life Sciences via Photothermal Conversion				WL1_201 13:30 ~ 18:20				
T8 Visualization of social infrastructure and disaster prevention using distributed acoustic sensors (DAS)				M_278 13:30 ~ 16:25				
T9 Emerging research trends in thin-film materials, devices, and processes for future technological innovation								WL1_201 13:00 ~ 16:45
T10 Frontiers of Semiconductor Characterization Techniques						M_B07 13:30 ~ 17:40		
T11 Next-generation electron sources and new developments in electron beam technology						S2_203 13:30 ~ 17:55		
T12 Plasma-induced Plant Responses				M_374 13:30 ~ 17:55				
T13 Atomic Layer Process (ALP) analysis and application technologies (3)	70A_101 09:00 ~ 12:20	70A_101 13:30 ~ 18:00						
T14 Next-Generation Biomedical Applications: Pioneered by Magneto-Science and Medical-Engineering Integration				WL1_301 13:30 ~ 18:30				
T15 The Prospects of Data Storage and Non-Volatile Memory Technologies in the AI era						M_374 13:30 ~ 17:35		
T16 Application of informaics technology in the field of nanobiotechnology		WL1_301 13:30 ~ 18:20						
T17 Cutting edge nanotechnology for bio-sensor & 2D materials -Realization of a pandemic-free society with graphene FET sensors capable of rapid detection of human infectious viruses-		M_278 13:30 ~ 16:45						
T18 Neuromorphic computing at the convergence of biology, electronics, and photonics						WL1_301 13:30 ~ 18:15		
T19 Bridging the Gap: Computational Approaches to Address Challenges in Photoelectronic Organic Devices at the Physical-Cyberspace		WL1_201 13:30 ~ 17:15						
T20 Advances in Energy Conversion Research through Photoactive Materials and Interface Engineering		M_374 13:30 ~ 18:00						
T21 New Developments in Microfabrication and MEMS Technologies Pioneering Next-Generation Sensing and Communications				M_178 13:30 ~ 17:10				
T22 (Public Symposium) From Space Development to Space Industry: Insights for Business Entry and the Latest Technological Trends						70A_101 13:30 ~ 17:40		
T23 New Frontiers in Non-equilibrium Materials Unlocked by Spacetime Commutativity						WL1_401 13:30 ~ 17:20		
T24 AI x Robotics x Human: Opening New Frontiers in Autonomous Materials Research			70A_101 09:00 ~ 12:00	70A_101 13:30 ~ 17:40				
FS Focused Session "AI Electronics"								
FS.1 Focused Session "AI Electronics"	M_123 09:00 ~ 12:30	M_123 14:00 ~ 16:15	M_123 09:00 ~ 12:30	M_123 14:00 ~ 16:15			PA2 09:30 ~ 11:00	
KS Sessions organized by JSAP's Professional Group								
KS.1 Solid State Quantum Sensor Group				PB3 14:30 ~ 16:00			W9_324 09:00 ~ 12:00	W9_324 13:30 ~ 16:15
CS.5 Code-sharing Session of 6.2 & KS1						S4_201 14:00 ~ 18:00		
KS.2 Quantum Information Engineering Group					M_B07 09:00 ~ 11:30		S2_202 09:00 ~ 11:30	S2_202 14:00 ~ 16:45
KS4 Group of Quantum Energy Conversion		M_B104 14:00 ~ 18:15	SL_101 09:30 ~ 12:45	SL_101 14:00 ~ 18:30	SL_101 09:30 ~ 12:15	SL_101 13:30 ~ 15:45		
						PA7 16:30 ~ 18:00		
CS Code-sharing session								
CS.1 Code-sharing Session of 2.3 & 7.4	S2_202 09:00 ~ 11:45	S2_202 14:00 ~ 16:45						
CS.2 Code-sharing Session of 3.8 & 3.11			S2_204 09:15 ~ 12:00					
CS.3 Code-sharing Session of 6.1 & 13.3 & 13.5					M_278 09:00 ~ 12:30			
CS.4 Code-sharing Session of 6.1 & 15.4		SL_101 13:45 ~ 18:30						
CS.5 Code-sharing Session of 6.2 & KS1						S4_201 14:00 ~ 18:00		
CS.6 Code-sharing Session of 6.3 & 6.4						WL2_101 13:30 ~ 16:15		
CS.7 Code-sharing Session of 6.5 & 7.5						W9_323 13:30 ~ 16:15	W9_323 09:00 ~ 11:45	

Schedule by Category (2)

Category	March 15 (Sun.)		March 16 (Mon.)		March 17 (Tue.)		March 18 (Wed.)	
Section	AM	PM	AM	PM	AM	PM	AM	PM
1 Interdisciplinary Physics and Related Areas of Science and Technology								
1.1 Interdisciplinary and General Physics		PB2 16:30 ~ 18:00	M_135 10:00 ~ 12:15					
1.2 Education							M_135 09:00 ~ 11:30	
1.3 Novel technologies and interdisciplinary engineering					M_135 09:00 ~ 11:45			
1.4 Energy conversion, storage, resources and environment						M_135 14:00 ~ 17:30		
1.5 Instrumentation, measurement and Metrology				M_135 14:00 ~ 18:00				
1.6 Ultrasonics	M_135 09:30 ~ 12:00	M_135 14:00 ~ 15:45						
		PB2 16:30 ~ 18:00						
2 Ionizing Radiation								
2.1 Radiation physics, Material development and characteristic evaluation	PA4 11:30 ~ 13:00					S2_202 14:00 ~ 15:30		
2.2 Radiation generators, Detector development, Measurement technology				S2_202 14:00 ~ 18:00	S2_202 09:00 ~ 12:30			
2.3 Accelerator technology, Accelerator mass spectrometry and beam analysis *Code-sharing Session of with 7.4		S2_202 14:00 ~ 16:45						
2.4 Life Sciences, Medical applications, Space and Earth Environment, Radiation Education						S2_201 14:00 ~ 18:00		
3 Optics and Photonics								
3.1 Basic optics and frontier of optics	S4_201 09:00 ~ 12:00		WL1_201 09:00 ~ 12:00		WL2_301 09:00 ~ 12:00	PA1 14:30 ~ 16:00		
3.2 Information photonics and image engineering			M_110 09:30 ~ 12:00	M_110 14:00 ~ 17:45	WL2_101 09:30 ~ 12:00	PA2 14:30 ~ 16:00		
3.3 Biomedical optics	M_110 09:00 ~ 12:00	M_110 14:00 ~ 17:15	PB1 09:30 ~ 11:00					
3.4 Laser system and materials			PB2 09:30 ~ 11:00		M_110 09:00 ~ 12:30	M_110 14:00 ~ 17:45		
3.5 Ultrashort-pulse and high-intensity lasers			PB3 09:30 ~ 11:00		W9_326 09:00 ~ 12:15	W9_326 13:30 ~ 18:15	W9_326 09:00 ~ 11:30	
3.6 Laser processing						PA3 14:30 ~ 16:00	S4_201 10:30 ~ 12:00	S4_201 14:00 ~ 17:00
3.7 Optical measurement, instrumentation, and sensor	WL2_301 09:30 ~ 12:00	WL2_301 13:30 ~ 16:00	WL2_301 09:30 ~ 12:00			WL2_301 13:30 ~ 17:45		
		PA3 16:30 ~ 18:00						
3.8 Terahertz technologies			PB4 09:30 ~ 11:00	WL2_301 13:30 ~ 17:45			WL2_301 09:00 ~ 12:00	WL2_301 13:30 ~ 16:30
CS.2 Code-sharing Session of 3.8 & 3.11			S2_204 09:15 ~ 12:00					
3.9 Optical quantum physics and technologies			PB5 09:30 ~ 11:00			S4_203 14:10 ~ 17:15	S4_203 09:00 ~ 10:45	
3.10 Photonic structures and phenomena	WL2_201 09:30 ~ 12:00	WL2_201 13:30 ~ 16:15	WL2_201 09:30 ~ 12:00	WL2_201 13:30 ~ 16:15				
		PA4 16:30 ~ 18:00						
3.11 Nanoscale optical science and near-field optics		PA1 14:30 ~ 16:00			WL2_201 09:00 ~ 12:00	WL2_201 13:30 ~ 18:00	WL2_201 09:00 ~ 11:45	WL2_201 13:15 ~ 17:00
CS.2 Code-sharing Session of 3.8 & 3.11			S2_204 09:15 ~ 12:00					
3.12 Semiconductor optical devices		PA2 14:30 ~ 16:00	W9_326 09:00 ~ 11:45	W9_326 13:45 ~ 16:45				
3.13 Silicon photonics, Photonics-electronics convergence, Optical control			PB6 09:30 ~ 11:00		WL2_401 09:00 ~ 12:00	WL2_401 13:30 ~ 17:15	WL2_401 09:00 ~ 12:00	
3.14 Optics and Photonics English Session		S4_201 14:00 ~ 17:15	PB7 09:30 ~ 11:00					
6 Thin Films and Surfaces								
6.1 Ferroelectric thin films			M_278 09:00 ~ 10:45			M_278 14:00 ~ 18:15		
			PA6 11:30 ~ 13:00					
CS.3 Code-sharing Session of 6.1 & 13.3 & 13.5					M_278 09:00 ~ 12:30			
CS.4 Code-sharing Session of 6.1 & 15.4		SL_101 13:45 ~ 18:30						
6.2 Carbon-based thin films		WL2_401 13:30 ~ 17:15	WL2_401 09:30 ~ 11:45	PB1 14:30 ~ 16:00				
CS.5 Code-sharing Session of 6.2 & KS1						S4_201 14:00 ~ 18:00		
6.3 Oxide electronics	WL2_101 09:00 ~ 11:45	WL2_101 13:30 ~ 17:00			PB1 11:30 ~ 13:00			
CS.6 Code-sharing Session of 6.3 & 6.4						WL2_101 13:30 ~ 16:15		
6.4 Thin films and New materials			WL2_101 09:00 ~ 11:45	WL2_101 13:30 ~ 16:30	PA2 11:30 ~ 13:00		WL1_201 09:30 ~ 11:45	
CS.6 Code-sharing Session of 6.3 & 6.4						WL2_101 13:30 ~ 16:15		
6.5 Surface Physics, Vacuum					PA3 11:30 ~ 13:00			
CS.7 Code-sharing Session of 6.5 & 7.5						W9_323 13:30 ~ 16:15	W9_323 09:00 ~ 11:45	
6.6 Probe Microscopy			M_B104 09:30 ~ 12:30	PB2 14:30 ~ 16:00	S4_201 09:00 ~ 12:30			

Schedule by Category (3)

Category	March 15 (Sun.)		March 16 (Mon.)		March 17 (Tue.)		March 18 (Wed.)	
Section	AM	PM	AM	PM	AM	PM	AM	PM
7 Beam Technology and Nanofabrication								
7.1 X-ray technologies		W9_326 13:30 ~ 17:45						
7.2 Applications and technologies of electron beams			S4_203 09:00 ~ 12:15	S4_203 14:00 ~ 16:30				
7.3 Micro/Nano patterning and fabrication					S4_202 09:00 ~ 11:45		PB3 11:30 ~ 13:00	
7.4 Ion beams *Code-sharing Session with 2.3	S2_202 09:00 ~ 11:45	S2_202 14:00 ~ 16:45						
7.5 Atomic/molecular beams and beam-related new technologies								
CS.7 Code-sharing Session of 6.5 & 7.5						W9_323 13:30 ~ 16:15	W9_323 09:00 ~ 11:45	
8 Plasma Electronics								
8.1 Plasma production and diagnostics						PB3 16:30 ~ 18:00	M_103 09:00 ~ 12:30	M_103 14:00 ~ 15:45
8.2 Plasma deposition of thin film, plasma etching and surface treatment					M_103 09:00 ~ 12:30	M_103 14:00 ~ 17:15	PB4 11:30 ~ 13:00	
8.3 Plasma nanotechnology						PB4 16:30 ~ 18:00	M_107 09:00 ~ 10:30	
8.4 Plasma life sciences	PA1 09:30 ~ 11:00	M_107 14:00 ~ 18:00						
8.5 Plasma phenomena, emerging area of plasmas and their new applications	PA2 09:30 ~ 11:00					M_107 14:00 ~ 18:15		
8.6 Plasma Electronics English Session								M_103 16:00 ~ 16:45
8.7 Plasma Electronics Invited Talk			M_374 11:00 ~ 11:45					
9 Applied Materials Science								
9.1 Dielectrics, ferroelectrics			M_B07 09:00 ~ 11:45	S4_202 14:00 ~ 16:45	PA1 09:30 ~ 11:00			
9.2 Nanoparticles, Nanowires and Nanosheets		S4_202 14:00 ~ 16:45	S4_202 10:00 ~ 12:15					
9.3 Nanoelectronics	S4_202 09:00 ~ 11:30							
9.4 Thermoelectric conversion				WL2_401 13:30 ~ 17:45				
9.5 New functional materials and new phenomena						S4_202 14:00 ~ 17:15		
10 Spintronics and Magnetics								
10.1 Emerging materials in spintronics and magnetics (including fabrication and characterization methodologies)		PB1 14:30 ~ 16:00					S2_201 09:00 ~ 11:45	S2_201 13:30 ~ 15:45
10.2 Fundamental and exploratory device technologies for spin			S4_201 09:00 ~ 12:30	S4_201 14:00 ~ 17:15				
10.3 Spin devices, magnetic memories and storages				S4_201 17:15 ~ 19:00	M_374 09:00 ~ 12:00			
10.4 Spintronics in semiconductor, topological material, superconductor, and multiferroics			S2_201 09:00 ~ 12:30	S2_201 14:00 ~ 17:00				
10.5 Application of magnetic field		S2_201 16:30 ~ 18:15						
11 Superconductivity								
11.1 Fundamental properties	W9_325 09:30 ~ 11:45	W9_325 13:30 ~ 16:45	PA1 09:30 ~ 11:00					
11.2 Thin and thick superconducting films, coated conductors and film crystal growth				W9_325 13:30 ~ 16:15				
11.3 Critical Current, Superconducting Power Applications					W9_323 09:30 ~ 11:30			
11.4 Analog applications and their related technologies				W8E_308 13:30 ~ 15:45				
11.5 Junction and circuit fabrication process, digital applications						W8E_308 13:30 ~ 17:45		
12 Organic Molecules and Bioelectronics								
12.1 Fabrications and Structure Controls			PA7 11:30 ~ 13:00		W2_402 10:00 ~ 11:15	W2_402 13:30 ~ 17:30		
12.2 Characterization and Materials Physics					PB2 11:30 ~ 13:00	M_123 14:00 ~ 18:45	M_123 09:00 ~ 12:30	
12.3 Functional Materials and Novel Devices			M_103 09:00 ~ 11:30	M_103 14:00 ~ 17:15	M_B104 09:00 ~ 12:00	M_B104 14:00 ~ 17:00	PB1 09:30 ~ 11:00	
12.4 Organic light-emitting devices, organic transistors, and flexible devices				M_B104 14:00 ~ 19:00	M_123 09:00 ~ 12:15	PB1 14:30 ~ 16:00	M_B104 09:00 ~ 11:45	M_B104 13:30 ~ 15:45
12.5 Organic and hybrid solar cells	PA3 09:30 ~ 11:00		M_124 09:00 ~ 12:15	M_124 14:00 ~ 18:30	M_124 09:00 ~ 12:00	M_124 14:00 ~ 15:30		
12.6 Nanobiotechnology	WL1_201 09:00 ~ 12:00		W2_402 09:00 ~ 11:45	W2_402 13:30 ~ 18:15	PB3 11:30 ~ 13:00			
12.7 Biomedical Engineering and Biochips	WL1_301 09:00 ~ 12:00		WL1_301 09:00 ~ 12:00		WL1_301 09:00 ~ 12:00		PB2 09:30 ~ 11:00	W2_401 13:30 ~ 16:30
12.8 Specific theme: Photoelectric Properties, Device Fabrication and Structural Controls of Organic-Inorganic Hybrid Perovskites						PB2 14:30 ~ 16:00	M_101 10:00 ~ 12:30	M_101 14:00 ~ 16:00

Schedule by Category (4)

Category	March 15 (Sun.)		March 16 (Mon.)		March 17 (Tue.)		March 18 (Wed.)	
Section	AM	PM	AM	PM	AM	PM	AM	PM
13 Semiconductors								
13.1 Fundamental properties, surface and interface, and simulations of Si related materials					S4_203 09:00 ~ 12:00	PA4 16:30 ~ 18:00		
13.2 Exploratory Materials, Physical Properties, Devices			PA2 09:30 ~ 11:00	W9_323 13:00 ~ 18:30				
13.3 Insulator technology	W8E_101 09:00 ~ 11:00	W8E_101 13:30 ~ 17:15	PA3 09:30 ~ 11:00					
CS.3 Code-sharing Session of 6.1 & 13.3 & 13.5					M_278 09:00 ~ 12:30			
13.4 Si processing /Si based thin film / MEMS / Equipment technology	S4_203 09:00 ~ 12:00	S4_203 14:00 ~ 18:15	PA4 09:30 ~ 11:00		S2_201 09:00 ~ 12:45			
13.5 Semiconductor devices/ Interconnect/ Integration technologies	M_124 09:00 ~ 12:30		S2_203 09:00 ~ 11:45	S2_203 14:00 ~ 18:45	S2_203 09:00 ~ 12:15		S2_203 09:00 ~ 12:00	S2_203 14:00 ~ 17:00
	PB1 09:30 ~ 11:00							
CS.3 Code-sharing Session of 6.1 & 13.3 & 13.5					M_278 09:00 ~ 12:30			
13.6 Nanostructures, quantum phenomena, and nano quantum devices			M_107 09:30 ~ 12:15	M_107 14:00 ~ 17:15		PA5 16:30 ~ 18:00		
13.7 Compound and power devices, process technology and characterization	PB2 09:30 ~ 11:00		W8E_101 09:30 ~ 12:00	W8E_101 13:30 ~ 18:00	W8E_101 09:00 ~ 12:00	W8E_101 13:30 ~ 18:30	W8E_101 09:00 ~ 12:15	W8E_101 13:30 ~ 16:15
13.8 Optical properties and light-emitting devices						PA6 16:30 ~ 18:00	WL2_101 09:00 ~ 12:00	
13.9 Compound solar cells			PA5 09:30 ~ 11:00	M_101 13:30 ~ 18:30				
15 Crystal Engineering								
15.1 Bulk crystal growth			PA8 11:30 ~ 13:00	W8E_307 14:00 ~ 17:30				
15.2 II-VI and related compounds			W8E_308 11:00 ~ 12:00	PA1 14:30 ~ 16:00				
15.3 III-V-group epitaxial crystals, Fundamentals of epitaxy				PA2 14:30 ~ 16:00	W8E_307 09:15 ~ 12:00	W8E_307 13:30 ~ 16:15		
15.4 III-V-group nitride crystals	W2_401 09:00 ~ 11:30	W2_401 13:00 ~ 17:45	W2_401 09:00 ~ 11:30	W2_401 13:00 ~ 17:45	W2_401 09:00 ~ 11:30	W2_401 13:30 ~ 18:30	W2_401 09:00 ~ 12:00	
				PA3 14:30 ~ 16:00				
CS.4 Code-sharing Session of 6.1 & 15.4		SL_101 13:45 ~ 18:30						
15.5 Group IV crystals and alloys	W2_402 10:00 ~ 11:45	W2_402 13:30 ~ 16:45		PA4 14:30 ~ 16:00				
15.6 Group IV Compound Semiconductors (SiC)	PB3 09:30 ~ 11:00	W8E_307 13:30 ~ 17:45						
15.7 Crystal characterization, impurities and crystal defects			W8E_307 09:00 ~ 11:45	PA5 14:30 ~ 16:00				
16 Amorphous and Microcrystalline Materials								
16.1 Fundamental properties, evaluation, process and devices in disordered materials	PA5 11:30 ~ 13:00			W9_327 13:30 ~ 18:00				
16.2 Energy Harvesting			W9_327 09:00 ~ 10:30					
16.3 Bulk, thin-film and other silicon-based solar cells					W9_325 10:00 ~ 11:30	W9_325 13:30 ~ 16:30		
17 Nanocarbon and Two-Dimensional Materials								
17.1 Carbon nanotubes & other nanocarbon materials		M_101 14:00 ~ 17:00	M_101 09:00 ~ 12:15	PA7 & PB4 16:30 ~ 18:00				
17.2 Graphene						M_101 14:00 ~ 19:00		
17.3 Layered materials		M_124 14:00 ~ 18:15	M_178 09:00 ~ 12:00		M_178 09:00 ~ 12:30	M_178 14:00 ~ 18:00	M_178 09:00 ~ 12:00	M_178 14:00 ~ 16:00
21 Joint Session K "Wide bandgap oxide semiconductor materials and devices"								
21.1 Joint Session K "Wide bandgap oxide semiconductor materials and devices"		W9_324 13:30 ~ 17:15	W9_324 09:00 ~ 12:15	W9_324 13:30 ~ 18:30	W9_324 09:15 ~ 12:00	W9_324 13:30 ~ 17:45	PA3 11:30 ~ 13:00	
22 Joint Session M "Phonon Engineering"								
22.1 Joint Session M "Phonon Engineering"	W9_323 10:30 ~ 11:45	W9_323 13:30 ~ 17:15	W9_325 10:00 ~ 12:00	PA6 14:30 ~ 16:00				
23 Joint Session N "Informatics"								
23.1 Joint Session N "Informatics"		S2_204 13:30 ~ 18:30			S2_204 09:00 ~ 12:30	S2_204 13:30 ~ 18:30	PA1 09:30 ~ 11:00	S2_204 14:00 ~ 16:45
							S2_204 11:30 ~ 13:00	