

Schedule by Category (I)

Category Section	March 22 (Tue.)		March 23 (Wed.)		March 24 (Thu.)		March 25 (Fri.)		March 26 (Sat.)	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
S Symposium										
NT1 Semiconductors Pioneer Carbon Neutral Future					E201 09:30 ~ 11:40					
NT2 Discussion of Gender Equality in Applied Physics Fields through Gendered Innovation						E305 13:30 ~ 18:00				
T1 Towards Physics Education with Consideration for SDGs						E301 13:30 ~ 16:55				
T2 Machine learning in radiation research				F307 13:00 ~ 16:15						
T3 Basic and applied research of radiation-induced phosphors						F307 13:00 ~ 17:15				
T4 Fluorescence energy transfer engineering		E103 13:30 ~ 16:25								
T5 Research trend of laser processing technology incorporated with artificial intelligence				E304 13:30 ~ 16:45						
T6 Recent Progress in Nanoscale Chemical Spectroscopy by Scanning Probe Microscopy		E201 13:30 ~ 17:25								
T7 Functional Materials for the Online Network Era- toward beyond5G/6G-						E201 13:30 ~ 17:35				
T8 Latest Research Trends on Solid State Quantum Sensors using Diamond NV Centers				E305 13:30 ~ 18:05						
T9 Imaging by using from visible light to X-rays - Exploring its versatility-	E304 09:00 ~ 11:35	E304 13:30 ~ 17:00								
T10 Plasma-Liquid Interaction - Recent Trends of their Fundamentals and Applications -				E103 13:30 ~ 18:05						
T11 Topological Materials Science for Creation of Innovative Functions			E201 09:30 ~ 11:40	E201 13:15 ~ 16:30						
T12 Green Innovation by Spintronics							E201 13:30 ~ 17:15			
T13 Status and Prospects of Superconducting Technology Contributing to Medical Applications		E305 13:30 ~ 17:30								
T14 The attraction of multinary compounds as optical function / energy conversion materials	E301 10:00 ~ 12:00	E301 13:30 ~ 16:45								
T15 Introducing 2D Layered Materials into LSI World!						E304 13:00 ~ 17:45				
T16 Latest trends in utilizing IoT devices and technologies in production fields							E103 13:30 ~ 16:50			
T17 Future of crystalline silicon solar cells technology				E301 13:30 ~ 17:40						
T18 Hybrid system of 1D and 2D materials: nanotubes, atomic layer materials, and their heterointerfaces				E101 13:30 ~ 17:30						
T19 Frontier of applied informatics in the research field of applied physics	E101 10:00 ~ 12:00	E101 13:30 ~ 16:15								
T20 Quantum Computer: Technologies to build a system, and expected applications (II)						E101 13:30 ~ 18:05				
T21 What should we do to achieve Carbon Neutrality in 2050?							E101 13:30 ~ 17:25			
FS Focused Session "AI Electronics"										
FS.1 Focused Session "AI Electronics"	E102 09:00 ~ 11:15	E102 13:30 ~ 17:30	E102 09:00 ~ 11:30	E102 13:30 ~ 17:15						
CS Code-sharing session										
CS.1 Code-sharing Session of 2.3 & 7.5						F308 13:30 ~ 16:30	F308 10:30 ~ 11:30	F308 13:00 ~ 15:45		
CS.2 Code-sharing Session of 3.5 & 3.14						D215 13:00 ~ 14:45				
CS.3 Code-sharing Session of 3.11 & 3.12						E303 13:15 ~ 16:00				
CS.4 Code-sharing Session of 3.11 & 3.13							E303 09:30 ~ 12:00			
CS.5 Code-sharing Session of 6.1 & 13.3 & 13.5						E105 13:30 ~ 17:00				
CS.6 Code-sharing Session of 6.5 & 7.6									E206 13:00 ~ 17:15	
CS.7 Code-sharing Session of 8.3 & 9.2 & 13.6 & 15.3						D316 09:00 ~ 11:30				
CS.8 Code-sharing Session of 12.6 & 12.7						E104 13:00 ~ 17:45				
CS.9 Code-sharing Session of 13.7 & 15.6		E302 13:45 ~ 18:30	E302 09:00 ~ 12:00	E302 13:30 ~ 18:30	E302 09:00 ~ 12:30	E302 14:00 ~ 18:15	E301 09:00 ~ 11:30	E301 13:00 ~ 15:15		
1 Interdisciplinary Physics and Related Areas of Science and Technology										
1.1 Interdisciplinary and General Physics		F407 13:00 ~ 17:15							P01 09:30 ~ 11:30	
1.2 Education									P02 09:30 ~ 11:30	E307 13:30 ~ 16:00
1.3 Novel technologies and interdisciplinary engineering	P01 09:30 ~ 11:30						D316 13:00 ~ 16:45			
1.4 Energy conversion, storage, resources and environment	E106 09:00 ~ 10:00 P02 09:30 ~ 11:30	E106 13:30 ~ 18:00								
1.5 Instrumentation, measurement and Metrology							D113 13:00 ~ 18:00	P01 09:30 ~ 11:30		
1.6 Ultrasonics	P03 09:30 ~ 11:30			D113 13:00 ~ 18:15						
2 Ionizing Radiation										
2.1 Detection Devices	F308 09:15 ~ 12:00	F308 13:30 ~ 17:00								
2.2 Radiation physics fundamentals & applications, radiation generators, new technology		F307 13:00 ~ 16:15	F307 09:00 ~ 11:30							
2.3 Accelerator Mass Spectrometry, Accelerator Beam Analysis *Code-sharing Session of 7.5 Ion beams					P01 09:30 ~ 11:30	F308 13:30 ~ 16:30	F308 10:30 ~ 11:30	F308 13:00 ~ 15:45		
2.4 Medical application							D113 09:00 ~ 12:00			
2.5 Radiation-induced phosphors							F407 09:00 ~ 11:30	F407 13:00 ~ 17:15		

Schedule by Category (II)

Category Section	March 22 (Tue.)		March 23 (Wed.)		March 24 (Thu.)		March 25 (Fri.)		March 26 (Sat.)	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
3 Optics and Photonics										
3.1 Basic optics and frontier of optics	D315 10:00 ~ 11:30	D315 13:00 ~ 17:45	D315 09:00 ~ 12:00	P01 13:30 ~ 15:30						
3.2 Equipment optics and materials							P07 16:00 ~ 18:00	E205 09:00 ~ 11:30		
3.3 Information photonics and image engineering	P04 09:30 ~ 11:30			D315 13:00 ~ 17:45						
3.4 Biomedical optics							D315 09:00 ~ 11:30	P08 16:00 ~ 18:00	E204 09:00 ~ 11:30	E204 13:00 ~ 16:30
3.5 Laser system and materials						P05 16:00 ~ 18:00	D215 10:00 ~ 11:30	D215 13:30 ~ 17:00		
CS.2 Code-sharing Session of 3.5 & 3.14						D215 13:00 ~ 14:45				
3.6 Ultrashort-pulse and high-intensity lasers					D315 09:00 ~ 11:30	D315 13:00 ~ 16:15	D316 09:00 ~ 11:30	D316 13:00 ~ 16:45		
3.7 Laser processing			E304 09:00 ~ 12:00		E106 09:00 ~ 12:00	E106 13:30 ~ 18:30				
3.8 Optical measurement, instrumentation, and sensor						P06 16:00 ~ 18:00	E302 09:00 ~ 11:35	E302 13:15 ~ 18:30	E302 09:00 ~ 12:00	E302 13:30 ~ 17:00
3.9 Terahertz technologies						P07 16:00 ~ 18:00		D315 13:00 ~ 18:00	E101 09:30 ~ 11:00	E101 13:00 ~ 16:00
3.10 Optical quantum physics and technologies						P08 16:00 ~ 18:00	D214 09:30 ~ 11:30	D214 13:00 ~ 17:30		
3.11 Photonic structures and phenomena					E301 09:15 ~ 12:00	P09 16:00 ~ 18:00		E303 13:30 ~ 17:15	E303 09:15 ~ 12:00	E303 13:30 ~ 16:15
CS.3 Code-sharing Session of 3.11 & 3.12						E303 13:15 ~ 16:00				
CS.4 Code-sharing Session of 3.11 & 3.13							E303 09:30 ~ 12:00			
3.12 Nanoscale optical science and near-field optics	E103 09:00 ~ 11:15	P01 13:30 ~ 15:30	E303 09:00 ~ 12:00	E303 13:30 ~ 17:45	E303 09:00 ~ 12:00	E303 16:15 ~ 17:45				
CS.3 Code-sharing Session of 3.11 & 3.12						E303 13:15 ~ 16:00				
3.13 Semiconductor optical devices								P09 16:00 ~ 18:00	E301 09:30 ~ 12:00	E301 13:30 ~ 17:00
CS.4 Code-sharing Session of 3.11 & 3.13							E303 09:30 ~ 12:00			
3.14 Optical control devices and optical fibers	D215 09:00 ~ 11:30	D215 13:00 ~ 16:00		P02 13:30 ~ 15:30						
CS.2 Code-sharing Session of 3.5 & 3.14						D215 13:00 ~ 14:45				
3.15 Silicon photonics and integrated photonics	E303 09:30 ~ 12:00	E303 13:30 ~ 17:15		P03 13:30 ~ 15:30						
3.16 Optics and Photonics English Session						D214 13:00 ~ 16:00				
6 Thin Films and Surfaces										
6.1 Ferroelectric thin films				P04 13:30 ~ 15:30			E305 09:00 ~ 12:00	E305 13:30 ~ 18:30		
CS.5 Code-sharing Session of 6.1 & 13.3 & 13.5						E105 13:30 ~ 17:00				
6.2 Carbon-based thin films				P05 13:30 ~ 15:30		E204 13:30 ~ 16:15	E204 09:00 ~ 12:00	E204 13:30 ~ 18:15		
6.3 Oxide electronics	E204 09:30 ~ 12:00	E204 13:30 ~ 17:00	E204 09:00 ~ 12:00	E204 13:30 ~ 17:00	E204 09:30 ~ 11:45			P01 13:30 ~ 15:30		
6.4 Thin films and New materials				P06 13:30 ~ 15:30	F307 09:15 ~ 11:30		F307 09:15 ~ 11:30	F307 13:30 ~ 18:00		
6.5 Surface Physics, Vacuum								P02 13:30 ~ 15:30	E206 10:30 ~ 11:45	
CS.6 Code-sharing Session of 6.5 & 7.6										E206 13:00 ~ 17:15
6.6 Probe Microscopy								P03 13:30 ~ 15:30	E105 09:00 ~ 12:00	E105 13:30 ~ 16:45
7 Beam Technology and Nanofabrication										
7.1 X-ray technologies					E101 10:00 ~ 11:45	E202 13:30 ~ 15:30				
7.2 Applications and technologies of electron beams									F308 09:00 ~ 11:15	
7.3 Micro/Nano patterning and fabrication										F308 13:00 ~ 14:00
7.4 Buried interface sciences with quantum beam		P04 16:00 ~ 18:00								
7.5 Ion beams *Code-sharing Session of 2.3 Accelerator Mass Spectrometry, Accelerator Beam Analysis						F308 13:30 ~ 16:30	F308 10:30 ~ 11:30	F308 13:00 ~ 15:45		
7.6 Atomic/molecular beams and beam-related new technologies *Code-sharing Session of 6.5 Surface Physics, Vacuum										E206 13:00 ~ 17:15
8 Plasma Electronics										
8.1 Plasma production and diagnostics		E105 13:00 ~ 18:00								
8.2 Plasma deposition of thin film, plasma etching and surface treatment							E104 09:00 ~ 12:00	E104 13:00 ~ 18:30		
8.3 Plasma nanotechnology						D114 13:00 ~ 16:15				
CS.7 Code-sharing Session of 8.3 & 9.2 & 13.6 & 15.3					D316 09:00 ~ 11:30				P03 09:30 ~ 11:30	
8.4 Plasma life sciences							E105 09:30 ~ 11:45	E105 13:30 ~ 17:15		
8.5 Plasma phenomena, emerging area of plasmas and their new applications			E103 09:15 ~ 12:00		D113 09:30 ~ 10:45					
8.6 Plasma Electronics English Session					D113 10:45 ~ 11:00					
9 Applied Materials Science										
9.1 Dielectrics, ferroelectrics							P02 09:30 ~ 11:30		E307 09:00 ~ 11:30	
9.2 Nanoparticles, Nanowires and Nanosheets					F408 09:00 ~ 11:15	F408 13:00 ~ 16:00		P10 16:00 ~ 18:00		
CS.7 Code-sharing Session of 8.3 & 9.2 & 13.6 & 15.3					D316 09:00 ~ 11:30					
9.3 Nanoelectronics									E305 09:00 ~ 11:15	E305 13:00 ~ 15:00
9.4 Thermoelectric conversion					E205 09:00 ~ 12:00	E205 13:30 ~ 18:30		P04 13:30 ~ 15:30		
9.5 New functional materials and new phenomena	D214 09:45 ~ 11:30	D214 13:00 ~ 17:00		P08 16:00 ~ 18:00						

Schedule by Category (III)

Category Section	March 22 (Tue.)		March 23 (Wed.)		March 24 (Thu.)		March 25 (Fri.)		March 26 (Sat.)	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
10 Spintronics and Magnetics										
10.1 Emerging materials in spintronics and magnetics (including fabrication and characterization methodologies)		E205 13:45 ~ 18:15	E205 09:15 ~ 12:00							
10.2 Fundamental and exploratory device technologies for spin						P01 13:30 ~ 15:30			E201 09:00 ~ 12:15	E201 13:45 ~ 17:00
10.3 Spin devices, magnetic memories and storages							E202 16:00 ~ 18:30			
10.4 Spintronics in semiconductor, topological material, superconductor, and multiferroics				E205 13:30 ~ 18:30			P01 13:30 ~ 15:30			
10.5 Application of magnetic field	E205 09:00 ~ 12:15									
11 Superconductivity										
11.1 Fundamental properties				D215 13:30 ~ 18:00						
11.2 Thin and thick superconducting films, coated conductors and film crystal growth			D215 09:00 ~ 11:45							
11.3 Critical Current, Superconducting Power Applications	P05 09:30 ~ 11:30			E203 13:00 ~ 16:15						
11.4 Analog applications and their related technologies			D214 09:00 ~ 11:00		D214 09:00 ~ 10:30					
11.5 Junction and circuit fabrication process, digital applications				D214 13:00 ~ 18:00						
12 Organic Molecules and Bioelectronics										
12.1 Fabrications and Structure Controls							E205 09:30 ~ 12:00	E205 13:30 ~ 17:15	P04 09:30 ~ 11:30	
12.2 Characterization and Materials Physics						P02 13:30 ~ 15:30	E304 09:00 ~ 11:30	E304 13:45 ~ 18:00	E304 09:15 ~ 11:45	E304 13:30 ~ 16:30
12.3 Functional Materials and Novel Devices	E307 09:00 ~ 12:00	E307 13:30 ~ 17:30	P01 09:30 ~ 11:30	D114 13:00 ~ 16:05	E307 09:00 ~ 11:45	E307 13:30 ~ 16:30				
12.4 Organic light-emitting devices and organic transistors	E206 10:30 ~ 12:00	E206 13:30 ~ 17:15	E206 09:00 ~ 11:45	E206 13:30 ~ 17:00						
12.5 Organic solar cells				P09 16:00 ~ 18:00						
12.6 Nanobiotechnology			E104 09:00 ~ 11:30	E104 13:00 ~ 17:30	E206 09:00 ~ 12:15	E206 13:30 ~ 16:45	E206 09:30 ~ 12:00	E206 13:30 ~ 16:00		
CS.8 Code-sharing Session of 12.6 & 12.7							E104 13:00 ~ 17:45			
12.7 Biomedical Engineering and Biochips			E105 09:00 ~ 12:00	E105 13:30 ~ 17:45	E105 09:00 ~ 11:45			P04 09:30 ~ 11:30		
CS.8 Code-sharing Session of 12.6 & 12.7							E104 13:00 ~ 17:45			
13 Semiconductors										
13.1 Fundamental properties, surface and interface, and simulations of Si related materials	E105 09:30 ~ 11:30			P11 16:00 ~ 18:00						
13.2 Exploratory Materials, Physical Properties, Devices		P05 16:00 ~ 18:00	F308 09:00 ~ 11:45	F308 13:15 ~ 17:00						
13.3 Insulator technology								P05 13:30 ~ 15:30	E103 09:00 ~ 11:30	
CS.5 Code-sharing Session of 6.1 & 13.3 & 13.5							E105 13:30 ~ 17:00			
13.4 Si processing /Si based thin film / MEMS / Equipment technology					E103 09:00 ~ 12:30	E103 13:30 ~ 18:00	E103 09:30 ~ 12:00			
13.5 Semiconductor devices/ Interconnect/ Integration technologies			E307 09:00 ~ 12:00	E307 13:30 ~ 19:00				E307 13:30 ~ 17:30		
CS.5 Code-sharing Session of 6.1 & 13.3 & 13.5							E105 13:30 ~ 17:00			
13.6 Nanostructures, quantum phenomena, and nano quantum devices		P02 13:30 ~ 15:30		D316 13:00 ~ 17:45						
CS.7 Code-sharing Session of 8.3 & 9.2 & 13.6 & 15.3					D316 09:00 ~ 11:30					
13.7 Compound and power devices, process technology and characterization	E302 09:00 ~ 12:15							P11 16:00 ~ 18:00		
CS.9 Code-sharing Session of 13.7 & 15.6		E302 13:45 ~ 18:30	E302 09:00 ~ 12:00	E302 13:30 ~ 18:30	E302 09:00 ~ 12:30	E302 14:00 ~ 18:15	E301 09:00 ~ 11:30	E301 13:00 ~ 15:15		
13.8 Optical properties and light-emitting devices	D316 09:30 ~ 11:15	D316 13:00 ~ 17:15	P03 09:30 ~ 11:30							
13.9 Compound solar cells			E106 09:00 ~ 12:00	E106 13:30 ~ 18:45			P03 13:30 ~ 15:30			
15 Crystal Engineering										
15.1 Bulk crystal growth							P05 09:30 ~ 11:30	F408 13:00 ~ 17:15		
15.2 II-VI and related compounds								D113 13:00 ~ 14:15		
15.3 III-V-group epitaxial crystals, Fundamentals of epitaxy			F407 09:00 ~ 11:15	P07 13:30 ~ 15:30						
CS.7 Code-sharing Session of 8.3 & 9.2 & 13.6 & 15.3					D316 09:00 ~ 11:30					
15.4 III-V-group nitride crystals	E202 10:00 ~ 12:00	E202 13:30 ~ 18:15	E202 09:15 ~ 12:00	E202 14:15 ~ 18:15	E202 09:15 ~ 12:00	P04 13:30 ~ 15:30	E203 09:00 ~ 12:00	E203 13:30 ~ 18:15	E203 09:00 ~ 12:00	E203 14:15 ~ 17:15
15.5 Group IV crystals and alloys							D114 09:30 ~ 11:15	D114 13:00 ~ 17:15	P05 09:30 ~ 11:30	
15.6 Group IV Compound Semiconductors (SiC)								P12 16:00 ~ 18:00		
CS.9 Code-sharing Session of 13.7 & 15.6		E302 13:45 ~ 18:30	E302 09:00 ~ 12:00	E302 13:30 ~ 18:30	E302 09:00 ~ 12:30	E302 14:00 ~ 18:15	E301 09:00 ~ 11:30	E301 13:00 ~ 15:15		
15.7 Crystal characterization, impurities and crystal defects								P06 13:30 ~ 15:30	E104 09:00 ~ 12:00	E104 13:30 ~ 16:30
16 Amorphous and Microcrystalline Materials										
16.1 Fundamental properties, evaluation, process and devices in disordered materials	F408 09:00 ~ 11:30	F408 13:00 ~ 16:45	F408 09:00 ~ 11:30							
16.2 Energy Harvesting									F407 09:00 ~ 10:00	
16.3 Bulk, thin-film and other silicon-based solar cells						P10 16:00 ~ 18:00			F408 09:30 ~ 12:00	F408 13:30 ~ 16:30

Schedule by Category (IV)

Category Section	March 22 (Tue.)		March 23 (Wed.)		March 24 (Thu.)		March 25 (Fri.)		March 26 (Sat.)	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
17 Nanocarbon Technology										
17.1 Carbon nanotubes & other nanocarbon materials		P03 13:30 ~ 15:30	E203 09:00 ~ 12:00			E102 13:30 ~ 18:15			E102 09:00 ~ 10:30	
		P06 16:00 ~ 18:00								
17.2 Graphene		P03 13:30 ~ 15:30					E102 11:15 ~ 12:00	E102 13:30 ~ 18:30		
		P06 16:00 ~ 18:00								
17.3 Layered materials	E203 09:00 ~ 12:00	P03 13:30 ~ 15:30	E101 09:00 ~ 12:00		E102 09:00 ~ 11:45		E102 09:45 ~ 11:00			
		P06 16:00 ~ 18:00								
21 Joint Session K "Wide bandgap oxide semiconductor materials and devices"										
21.1 Joint Session K "Wide bandgap oxide semiconductor materials and devices"				P12 16:00 ~ 18:00			E202 09:30 ~ 12:00	E202 13:30 ~ 17:30	E202 09:00 ~ 11:30	E202 13:00 ~ 16:45
22 Joint Session M "Phonon Engineering"										
22.1 Joint Session M "Phonon Engineering"					F407 09:15 ~ 12:00	F407 13:15 ~ 18:00				
23 Joint Session N "Informatics"										
23.1 Joint Session N "Informatics"					E203 09:00 ~ 11:45	E203 13:30 ~ 18:00	P06 09:30 ~ 11:30			