

Schedule by Category (2)

Category Section	Sep. 16 (Mon.)		Sep. 17 (Tue.)		Sep. 18 (Wed.)		Sep. 19 (Thu.)		Sep. 20 (Fri.)	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
CS Code-sharing session										
CS.1 Code-sharing Session of 2.3 & 7.4						D62 13:30 ~ 18:15				
CS.2 Code-sharing Session of 3.2 & 4.4		A37 13:30 ~ 17:00	A37 09:00 ~ 11:45	A37 13:30 ~ 15:00						
CS.3 Code-sharing Session of 3.4 & 3.13									A37 09:00 ~ 10:30	
CS.4 Code-sharing Session of 3.10 & 3.11							A33 09:00 ~ 12:00			
CS.5 Code-sharing Session of 3.10 & 3.12					A34 09:30 ~ 12:00					
CS.6 Code-sharing Session of 4.5 & 17					A35 10:00 ~ 12:00					
CS.7 Code-sharing Session of 6.1 & 13.3 & 13.5						B3 13:00 ~ 16:15				
CS.8 Code-sharing Session of 6.2 & KS.1									A41 09:00 ~ 12:00	
CS.9 Code-sharing Session of 6.5 & 7.5		D63 13:00 ~ 17:45								
CS.10 Code-sharing Session of 6.6 & 12.2				B4 13:00 ~ 18:30						
CS.11 Code-sharing Session of 9.4 & M					C301 09:00 ~ 11:30					
CS.12 Code-sharing Session of 12.6 & 12.7							C32 09:00 ~ 11:30			
CS.13 Code-sharing Session of 13.7 & 15.4		A22 13:00 ~ 19:00								
1 Interdisciplinary Physics and Related Areas of Science and Technology										
1.1 Interdisciplinary and General Physics		P07 16:00 ~ 18:00				C43 09:00 ~ 11:30				
1.2 Education		P07 16:00 ~ 18:00					C43 09:00 ~ 10:15			
1.3 Novel technologies and interdisciplinary engineering		P07 16:00 ~ 18:00	C43 09:30 ~ 11:45							
1.4 Energy conversion, storage, resources and environment		P07 16:00 ~ 18:00				C43 13:00 ~ 17:45				
1.5 Instrumentation, measurement and Metrology		C43 13:00 ~ 16:15								
1.6 Ultrasonics		P07 16:00 ~ 18:00		C43 13:00 ~ 17:30						
2 Ionizing Radiation										
2.1 Detection Devices							D61 09:00 ~ 12:00	D61 13:00 ~ 18:00		
2.2 Radiation physics fundamentals & applications, radiation generators, new technology									D62 09:00 ~ 12:00	
2.3 Accelerator Mass Spectrometry, Accelerator Beam Analysis						P01 13:30 ~ 15:30				
2.4 Medical application			D62 10:00 ~ 11:45		D62 10:00 ~ 11:45					
2.5 Radiation-induced phosphors	D62 10:00 ~ 11:30	D62 13:00 ~ 17:45	B5 09:45 ~ 11:30	B5 13:00 ~ 17:30						
CS.1 Code-sharing Session of 2.3 & 7.4						D62 13:30 ~ 18:15				
3 Optics and Photonics										
3.1 Basic optics and frontier of optics		A32 13:30 ~ 17:15	A32 09:00 ~ 12:00	A32 13:30 ~ 17:00	P01 09:30 ~ 11:30					
3.2 Information photonics and image engineering							P01 09:30 ~ 11:30			
CS.2 Code-sharing Session of 3.2 & 4.4		A37 13:30 ~ 17:00	A37 09:00 ~ 11:45	A37 13:30 ~ 15:00						
3.3 Biomedical optics							P02 09:30 ~ 11:30	C32 13:00 ~ 16:15	A25 09:00 ~ 11:45	A25 13:30 ~ 15:15
3.4 Laser system and materials							P03 09:30 ~ 11:30		A37 10:45 ~ 12:00	A37 13:30 ~ 17:00
CS.3 Code-sharing Session of 3.4 & 3.13									A37 09:00 ~ 10:30	
3.5 Ultrashort-pulse and high-intensity lasers					P02 09:30 ~ 11:30		A25 09:00 ~ 12:00	A25 13:30 ~ 18:00	C301 09:00 ~ 11:30	C301 13:00 ~ 16:30
3.6 Laser processing					A25 09:30 ~ 12:00	A25 13:30 ~ 17:45	P04 09:30 ~ 11:30	B2 13:00 ~ 16:45		
3.7 Optical measurement, instrumentation, and sensor							A37 09:15 ~ 12:00	A37 13:30 ~ 17:45	P01 09:30 ~ 11:30	C31 13:00 ~ 14:30
3.8 Terahertz technologies							P05 09:30 ~ 11:30	A34 13:30 ~ 18:15	A34 09:00 ~ 12:00	A34 13:30 ~ 17:00
3.9 Optical quantum physics and technologies					P03 09:30 ~ 11:30		A32 09:00 ~ 11:45	A32 13:30 ~ 18:15		
3.10 Photonic structures and phenomena				A34 13:00 ~ 17:45		A34 13:30 ~ 18:00		P01 13:30 ~ 15:30		
CS.4 Code-sharing Session of 3.10 & 3.11							A33 09:00 ~ 12:00			
CS.5 Code-sharing Session of 3.10 & 3.12					A34 09:30 ~ 12:00					
3.11 Nanoscale optical science and near-field optics					A33 09:00 ~ 11:45	A33 13:00 ~ 18:30		A33 13:30 ~ 18:30	P02 09:30 ~ 11:30	
CS.4 Code-sharing Session of 3.10 & 3.11							A33 09:00 ~ 12:00			
3.12 Semiconductor optical devices					P04 09:30 ~ 11:30		A35 09:00 ~ 12:00			A35 13:30 ~ 16:00
CS.5 Code-sharing Session of 3.10 & 3.12					A34 09:30 ~ 12:00					
3.13 Optical control devices and optical fibers					A36 09:00 ~ 10:30	A35 13:30 ~ 16:15	P06 09:30 ~ 11:30			
CS.3 Code-sharing Session of 3.4 & 3.13									A37 09:00 ~ 10:30	
3.14 Silicon photonics and integrated photonics	A25 09:00 ~ 11:45	A25 13:30 ~ 18:00	C32 09:00 ~ 11:30					P07 09:30 ~ 11:30		

Schedule by Category (3)

Category Section	Sep. 16 (Mon.)		Sep. 17 (Tue.)		Sep. 18 (Wed.)		Sep. 19 (Thu.)		Sep. 20 (Fri.)	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
4 JSAP-Optica Joint Symposia 2024										
4.1 Plasmonics and Nanophotonics	B4 09:00 ~ 12:00	B4 13:00 ~ 17:00	A34 09:00 ~ 12:00					P08 09:30 ~ 11:30		
4.2 Photonics Devices, Photonic Integrated Circuit and Silicon Photonics				A25 14:45 ~ 18:15						
4.3 Laser sources and Laser applications			A31 10:45 ~ 12:00	A31 13:30 ~ 17:45						
4.4 Information Photonics										
CS.2 Code-sharing Session of 3.2 & 4.4		A37 13:30 ~ 17:00	A37 09:00 ~ 11:45	A37 13:30 ~ 15:00						
4.5 Nanocarbon and 2D Materials			A35 09:00 ~ 12:30							
CS.6 Code-sharing Session of 4.5 & 17					A35 10:00 ~ 12:00					
4.6 Terahertz Photonics						B2 13:00 ~ 18:15				
4.7 Quantum Optics, Nonlinear Optics and Structured Optics							C43 13:00 ~ 18:00		C43 10:00 ~ 11:30	
4.8 Optica Special Lecture				A25 13:30 ~ 14:30						
6 Thin Films and Surfaces										
6.1 Ferroelectric thin films			B3 09:30 ~ 11:30	B3 13:00 ~ 17:45	B3 10:30 ~ 12:00	P07 16:00 ~ 18:00				
CS.7 Code-sharing Session of 6.1 & 13.3 & 13.5						B3 13:00 ~ 16:15				
6.2 Carbon-based thin films							B3 09:00 ~ 11:30	B3 13:00 ~ 19:15		P01 13:30 ~ 15:30
CS.8 Code-sharing Session of 6.2 & KS.1									A41 09:00 ~ 12:00	
6.3 Oxide electronics				D61 13:30 ~ 17:15		P02 13:30 ~ 15:30			B3 09:30 ~ 11:30	B3 13:00 ~ 17:00
6.4 Thin films and New materials	C31 09:00 ~ 11:30	C31 13:00 ~ 18:00	C301 09:00 ~ 11:30	P01 13:30 ~ 15:30						
6.5 Surface Physics, Vacuum				P02 13:30 ~ 15:30						
CS.9 Code-sharing Session of 6.5 & 7.5		D63 13:00 ~ 17:45								
6.6 Probe Microscopy			B4 09:00 ~ 11:15		B4 09:00 ~ 11:30	P03 13:30 ~ 15:30				
CS.10 Code-sharing Session of 6.6 & 12.2				B4 13:00 ~ 18:30						
7 Beam Technology and Nanofabrication										
7.1 X-ray technologies	C43 09:00 ~ 12:00									
7.2 Applications and technologies of electron beams			D63 10:00 ~ 11:30	D63 13:00 ~ 17:15						
7.3 Micro/Nano patterning and fabrication		P01 13:30 ~ 15:30		D62 13:30 ~ 16:00						
7.4 Ion beams										
CS.1 Code-sharing Session of 2.3 & 7.4						D62 13:30 ~ 18:15				
7.5 Atomic/molecular beams and beam-related new technologies										
CS.9 Code-sharing Session of 6.5 & 7.5		D63 13:00 ~ 17:45								
8 Plasma Electronics										
8.1 Plasma production and diagnostics							P02 13:30 ~ 15:30		A32 09:00 ~ 12:00	A32 13:30 ~ 16:30
8.2 Plasma deposition of thin film, plasma etching and surface treatment		P02 13:30 ~ 15:30			A31 09:00 ~ 12:00	A31 13:30 ~ 18:30				
8.3 Plasma nanotechnology							A36 09:00 ~ 11:00	P03 13:30 ~ 15:30		
8.4 Plasma life sciences								P04 13:30 ~ 15:30	A33 09:00 ~ 11:45	A33 13:30 ~ 17:00
8.5 Plasma phenomena, emerging area of plasmas and their new applications		P03 13:30 ~ 15:30				A32 13:30 ~ 18:45				
8.6 Plasma Electronics English Session		P04 13:30 ~ 15:30				A32 18:45 ~ 19:00				
8.7 Plasma Electronics Invited Talk	A41 10:00 ~ 11:30		C41 11:00 ~ 11:45							
8.8 Plasma Electronics Division Award Speech			C41 09:30 ~ 10:30							
9 Applied Materials Science										
9.1 Dielectrics, ferroelectrics						C301 13:00 ~ 16:15				
9.2 Nanoparticles, Nanowires and Nanosheets		C301 13:00 ~ 18:30								
9.3 Nanoelectronics							D63 09:00 ~ 11:30	D63 13:00 ~ 15:15		P02 13:30 ~ 15:30
9.4 Thermoelectric conversion				C301 13:30 ~ 16:45						
CS.11 CS.11 Code-sharing Session of 9.4 & 21.1 Joint Session M					C301 09:00 ~ 11:30					
9.5 New functional materials and new phenomena								C301 13:30 ~ 17:15		
10 Spintronics and Magnetics										
10.1 Emerging materials in spintronics and magnetics (including fabrication and characterization methodologies)									D61 09:00 ~ 11:30	D61 13:00 ~ 17:00
10.2 Fundamental and exploratory device technologies for spin	D61 09:00 ~ 11:15	D61 13:00 ~ 16:45								
10.3 Spin devices, magnetic memories and storages			D61 09:00 ~ 11:30							
10.4 Spintronics in semiconductor, topological material, superconductor, and multiferroics						D61 13:00 ~ 18:45				
10.5 Application of magnetic field								C301 09:00 ~ 11:00		

Schedule by Category (4)

Category Section	Sep. 16 (Mon.)		Sep. 17 (Tue.)		Sep. 18 (Wed.)		Sep. 19 (Thu.)		Sep. 20 (Fri.)	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
11 Superconductivity										
11.1 Fundamental properties	A35 09:00 ~ 12:00		C31 09:00 ~ 12:00				C31 09:00 ~ 10:30			
11.2 Thin and thick superconducting films, coated conductors and film crystal growth							C31 13:30 ~ 16:15			
11.3 Critical Current, Superconducting Power Applications				P03 13:30 ~ 15:30			C31 10:30 ~ 12:00			
11.4 Analog applications and their related technologies						B5 13:00 ~ 17:15				
11.5 Junction and circuit fabrication process, digital applications						B5 09:00 ~ 11:45				
12 Organic Molecules and Bioelectronics										
12.1 Fabrications and Structure Controls		P05 13:30 ~ 15:30			C32 09:00 ~ 11:30	D63 13:00 ~ 18:00	A34 09:15 ~ 11:30			
12.2 Characterization and Materials Physics		B6 13:00 ~ 19:30				P04 13:30 ~ 15:30				
CS.10 Code-sharing Session of 6.6 & 12.2				B4 13:00 ~ 18:30						
12.3 Functional Materials and Novel Devices					P05 09:30 ~ 11:30		B6 09:00 ~ 11:30	B6 13:00 ~ 18:15	B6 09:00 ~ 11:30	B6 13:00 ~ 15:30
12.4 Organic light-emitting devices and organic transistors			B6	B6	B6	B6				
12.5 Organic and hybrid solar cells					A41 09:00 ~ 12:00	P09 16:00 ~ 18:00	C302 09:00 ~ 12:00	C302 13:00 ~ 17:00	C302 09:00 ~ 12:00	C302 13:00 ~ 16:00
12.6 Nanobiotechnology				C32 13:00 ~ 16:45		C32 13:00 ~ 16:30			P03 09:30 ~ 11:30	
CS.12 Code-sharing Session of 12.6 & 12.7							C32 09:00 ~ 11:30			
12.7 Biomedical Engineering and Biochips				C31 13:00 ~ 18:45	C31 09:00 ~ 11:30	C31 13:00 ~ 18:30			P04 09:30 ~ 11:30	
CS.12 Code-sharing Session of 12.6 & 12.7							C32 09:00 ~ 11:30			
13 Semiconductors										
13.1 Fundamental properties, surface and interface, and simulations of Si related materials									P05 09:30 ~ 11:30	C43 13:00 ~ 16:00
13.2 Exploratory Materials, Physical Properties, Devices		P06 13:30 ~ 15:30		B1 13:00 ~ 16:00	A24 09:00 ~ 11:30					
13.3 Insulator technology								B1 13:00 ~ 17:15	P06 09:30 ~ 11:30	
CS.7 Code-sharing Session of 6.1 & 13.3 & 13.5							B3 13:00 ~ 16:15			
13.4 Si processing /Si based thin film / MEMS / Equipment technology	B1 09:00 ~ 12:00	B1 13:00 ~ 17:00	B1 09:00 ~ 11:00	P05 16:00 ~ 18:00						
13.5 Semiconductor devices/ Interconnect/ Integration technologies		C302 13:00 ~ 18:15		P06 16:00 ~ 18:00	A23 09:00 ~ 12:30					
CS.7 Code-sharing Session of 6.1 & 13.3 & 13.5							B3 13:00 ~ 16:15			
13.6 Nanostructures, quantum phenomena, and nano quantum devices		B2 13:00 ~ 17:15								
13.7 Compound and power devices, process technology and characterization	A22 09:15 ~ 11:30					P06 09:30 ~ 11:30	C41 09:00 ~ 11:45	C41 13:00 ~ 19:30		
CS.13 Code-sharing Session of 13.7 & 15.4		A22 13:00 ~ 19:00								
13.8 Optical properties and light-emitting devices			C302 09:00 ~ 12:00	P07 16:00 ~ 18:00	B1 09:00 ~ 11:30					
13.9 Compound solar cells						B1 13:00 ~ 18:45		P07 16:00 ~ 18:00		
15 Crystal Engineering										
15.1 Bulk crystal growth									P07 09:30 ~ 11:30	D62 13:00 ~ 16:45
15.2 II-VI and related compounds								P08 16:00 ~ 18:00		
15.3 III-V-group epitaxial crystals, Fundamentals of epitaxy						B2 09:15 ~ 11:30	B2 09:15 ~ 11:30	P09 16:00 ~ 18:00		
15.4 III-V-group nitride crystals	A21 09:00 ~ 11:30	A21 13:00 ~ 17:00	C42 09:00 ~ 11:30		C42 09:00 ~ 12:30		C42 09:00 ~ 11:30	C42 13:00 ~ 17:15	A24 09:00 ~ 11:30	C42 13:30 ~ 15:00
CS.13 Code-sharing Session of 13.7 & 15.4		A22 13:00 ~ 19:00				P07 09:30 ~ 11:30				
15.5 Group IV crystals and alloys						P10 16:00 ~ 18:00	B5 09:30 ~ 11:45	B5 13:00 ~ 17:15		
15.6 Group IV Compound Semiconductors (SiC)					C41 09:00 ~ 10:45	P11 16:00 ~ 18:00				
15.7 Crystal characterization, impurities and crystal defects			B2 09:00 ~ 11:30	B2 13:00 ~ 15:30		P12 16:00 ~ 18:00				
16 Amorphous and Microcrystalline Materials										
16.1 Fundamental properties, evaluation, process and devices in disordered materials	C32 09:00 ~ 11:45	C32 13:15 ~ 16:45								
16.2 Energy Harvesting				A37 15:30 ~ 16:45				P10 16:00 ~ 18:00		
16.3 Bulk, thin-film and other silicon-based solar cells									C32 09:00 ~ 11:30	C32 13:00 ~ 16:00
17 Nanocarbon and Two-Dimensional Materials										
17.1 Carbon nanotubes & other nanocarbon materials	A31 09:00 ~ 12:00	A31 13:30 ~ 19:15								
17.2 Graphene			P01 09:30 ~ 11:30		A37 09:00 ~ 12:00	A37 13:30 ~ 16:30				
17.3 Layered materials							A31 09:00 ~ 12:00	A31 13:30 ~ 18:15	A31 09:00 ~ 12:00	A31 13:15 ~ 17:00
CS.6 Code-sharing Session of 4.5 & 17					A35 10:00 ~ 12:00					
21 Joint Session K "Wide bandgap oxide semiconductor materials and devices"										
21.1 Joint Session K "Wide bandgap oxide semiconductor materials and devices"					A22 09:00 ~ 12:30	A22 13:45 ~ 19:30		P05 13:30 ~ 15:30	A22 09:00 ~ 11:45	A22 13:00 ~ 16:30
22 Joint Session M "Phonon Engineering"										
22.1 Joint Session M "Phonon Engineering"						P05 13:30 ~ 15:30	D62 09:00 ~ 11:30	D62 13:00 ~ 18:00		
CS.11 Code-sharing Session of 9.4 & 21.1 Joint Session M					C301 09:00 ~ 11:30					
23 Joint Session N "Informatics"										
23.1 Joint Session N "Informatics"				P04 13:30 ~ 15:30	A21 09:00 ~ 12:00	A24 13:30 ~ 17:15			A21 09:00 ~ 11:45	A21 13:30 ~ 16:30