

Schedule by Category (2)

Category Section	Sep. 19 (Tue.)		Sep. 20 (Wed.)		Sep. 21 (Thu.)		Sep. 22 (Fri.)		Sep. 23 (Sat.)		
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	
3 Optics and Photonics											
3.1 Basic optics and frontier of optics (merged with formerly 3.2 Equipment optics and materials)			A601 09:00 ~ 11:30	A601 13:00 ~ 17:15	A601 09:00 ~ 11:30	P10 16:00 ~ 18:00					
3.2 Information photonics and image engineering (formerly 3.3) *Code-sharing Session of with 4.4			A308 09:30 ~ 11:30	A308 13:00 ~ 19:00	A310 09:00 ~ 11:30	P11 16:00 ~ 18:00					
3.3 Biomedical optics (formerly 3.4)			A305 09:00 ~ 11:30	A305 13:00 ~ 19:30		P12 16:00 ~ 18:00					
3.4 Laser system and materials (formerly 3.5)			B204 09:00 ~ 11:30	B204 13:30 ~ 16:15		P13 16:00 ~ 18:00					
CS.3 Code-sharing Session of 3.4 & 3.13					B204 09:00 ~ 11:00						
3.5 Ultrashort-pulse and high-intensity lasers (formerly 3.6)						P14 16:00 ~ 18:00	B204 09:30 ~ 11:15	B204 13:30 ~ 17:30	B204 09:00 ~ 12:00	B204 13:30 ~ 17:00	
3.6 Laser processing (formerly 3.7)			B205 09:00 ~ 11:30	B205 13:30 ~ 17:30	B205 09:00 ~ 11:45	B205 13:30 ~ 15:45					
						P15 16:00 ~ 18:00					
3.7 Optical measurement, instrumentation, and sensor (formerly 3.8)					A602 09:00 ~ 11:30	P16 16:00 ~ 18:00	A602 09:00 ~ 11:30	A602 13:00 ~ 17:45			
3.8 Terahertz technologies (formerly 3.9)	B203 09:00 ~ 12:00		B203 09:00 ~ 11:45	B203 13:30 ~ 16:30		P17 16:00 ~ 18:00					
3.9 Optical quantum physics and technologies (formerly 3.10)						P18 16:00 ~ 18:00	A601 09:00 ~ 11:30		A601 09:00 ~ 11:30	A601 13:15 ~ 16:00	
3.10 Photonic structures and phenomena (formerly 3.11)						A308 13:15 ~ 16:30	A308 09:15 ~ 12:00	A308 13:15 ~ 18:00			
						P19 16:00 ~ 18:00					
CS.4 Code-sharing Session of 3.10 & 3.11										A309 13:15 ~ 16:00	
CS.5 Code-sharing Session of 3.10 & 3.12									A308 09:15 ~ 12:00		
CS.6 Code-sharing Session of 3.10 & 3.14					A308 09:15 ~ 12:00						
3.11 Nanoscale optical science and near-field optics (formerly 3.12)					A309 09:00 ~ 11:30	A309 13:00 ~ 18:00	A309 09:00 ~ 11:30	A310 13:00 ~ 15:15	A309 09:00 ~ 11:15		
								P04 16:00 ~ 18:00			
CS.4 Code-sharing Session of 3.10 & 3.11										A309 13:15 ~ 16:00	
3.12 Semiconductor optical devices (formerly 3.13)						P20 16:00 ~ 18:00	C402 09:00 ~ 11:45			A309 13:15 ~ 16:00 B101 13:30 ~ 14:45	
CS.5 Code-sharing Session of 3.10 & 3.12									A308 09:15 ~ 12:00		
3.13 Optical control devices and optical fibers (formerly 3.14)						P21 16:00 ~ 18:00				A308 13:00 ~ 16:15	
CS.3 Code-sharing Session of 3.4 & 3.13					B204 09:00 ~ 11:00						
3.14 Silicon photonics and integrated photonics (formerly 3.15)			A201 09:00 ~ 12:00	A201 13:30 ~ 18:00		P22 16:00 ~ 18:00					
CS.6 Code-sharing Session of 3.10 & 3.14					A308 09:15 ~ 12:00						
4 JSAP-Optica Joint Symposia 2023											
4.1 Plasmonics and Nanophotonics	A602 09:00 ~ 11:30	A602 13:00 ~ 18:00	A602 10:15 ~ 11:45		P01 09:30 ~ 11:30						
4.2 Photonics Devices, Photonic Integrated Circuit and Silicon Photonics		A310 13:00 ~ 17:00									
4.3 Lasers and laser materials processing		B205 13:30 ~ 18:30									
4.4 Information Photonics *Code-sharing Session with 3.2			A308 09:30 ~ 11:30	A308 13:00 ~ 19:00							
4.5 Nanocarbon and 2D Materials *Code-sharing Session with 17				A602 13:00 ~ 18:45							
4.6 Terahertz Photonics								C301 10:00 ~ 11:00			
4.7 Quantum Optics, Nonlinear Optics and Structured Optics								A310 09:00 ~ 10:45		A310 09:00 ~ 11:00	A310 13:00 ~ 14:30
4.8 Optica Special Lecture		A602 09:00 ~ 10:00									
6 Thin Films and Surfaces											
6.1 Ferroelectric thin films			A309 09:00 ~ 11:30	A309 13:00 ~ 18:15	P02 09:30 ~ 11:30						
CS.8 Code-sharing Session of 6.1 & 13.3 & 13.5							A201 09:00 ~ 12:15				
6.2 Carbon-based thin films			P01 09:30 ~ 11:30	C402 13:30 ~ 18:00		C402 13:30 ~ 18:00					
CS.9 Code-sharing Session of 6.2 & KS						C402 09:00 ~ 10:45		A601 13:00 ~ 17:45			
6.3 Oxide electronics			P02 09:30 ~ 11:30			A307 09:00 ~ 11:30	A307 13:00 ~ 19:15		A307 09:00 ~ 11:30	A307 13:00 ~ 17:00	
6.4 Thin films and New materials						P03 09:30 ~ 11:30	D903 13:30 ~ 18:30	A304 09:00 ~ 11:30	A304 13:00 ~ 14:30		
6.5 Surface Physics, Vacuum						P04 09:30 ~ 11:30			A501 13:00 ~ 17:30		
CS.10 Code-sharing Session of 6.5 & 7.5								A501 10:30 ~ 11:15			
6.6 Probe Microscopy						P05 09:30 ~ 11:30		A307 09:30 ~ 11:45	A307 13:00 ~ 17:30		
7 Beam Technology and Nanofabrication											
7.1 X-ray technologies	A601 09:00 ~ 11:30	A601 13:00 ~ 15:30									
7.2 Applications and technologies of electron beams				A501 13:00 ~ 16:15							
7.3 Micro/Nano patterning and fabrication		P02 16:00 ~ 18:00	A501 09:00 ~ 11:15								
7.4 Ion beams *Code-sharing Session with 2.3			A310 09:00 ~ 11:45								
7.5 Atomic/molecular beams and beam-related new technologies *Code-sharing Session with 6.5								A501 10:30 ~ 11:15			

Schedule by Category (3)

Category Section	Sep. 19 (Tue.)		Sep. 20 (Wed.)		Sep. 21 (Thu.)		Sep. 22 (Fri.)		Sep. 23 (Sat.)		
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	
8 Plasma Electronics											
8.1 Plasma production and diagnostics						P01 13:30 ~ 15:30				A301 09:00 ~ 11:30	A301 13:00 ~ 16:45
8.2 Plasma deposition of thin film, plasma etching and surface treatment					A302 09:00 ~ 12:00	A302 13:00 ~ 15:15	A401 09:00 ~ 12:00	P01 13:30 ~ 15:30			
8.3 Plasma nanotechnology		A202 13:00 ~ 14:45				P02 13:30 ~ 15:30					
CS.11 Code-sharing Session of 8.3 & 9.2			B202 09:00 ~ 11:45								
8.4 Plasma life sciences					B201 09:00 ~ 11:30	A601 13:00 ~ 16:00		P02 13:30 ~ 15:30			
8.5 Plasma phenomena, emerging area of plasmas and their new applications						P03 13:30 ~ 15:30		A309 13:00 ~ 18:00			
8.6 Plasma Electronics English Session						A302 17:00 ~ 17:45					
8.7 Plasma Electronics Invited Talk			A401 11:00 ~ 11:45			A302 16:00 ~ 17:00					
8.8 Plasma Electronics Division Award Speech			A401 09:45 ~ 10:45								
9 Applied Materials Science											
9.1 Dielectrics, ferroelectrics				P02 13:30 ~ 15:30				A311 09:00 ~ 11:30	A311 13:00 ~ 15:45		
9.2 Nanoparticles, Nanowires and Nanosheets	A309 09:30 ~ 12:00	A309 13:30 ~ 16:15		P03 13:30 ~ 15:30							
CS.11 Code-sharing Session of 8.3 & 9.2			B202 09:00 ~ 11:45								
9.3 Nanoelectronics				P04 13:30 ~ 15:30	A501 09:00 ~ 11:30	A501 13:00 ~ 14:00					
9.4 Thermoelectric conversion						P23 16:00 ~ 18:00	B203 09:00 ~ 12:00	B203 13:30 ~ 14:30			
CS.12 Code-sharing Session of 9.4 & M					B203 09:00 ~ 12:00						
9.5 New functional materials and new phenomena				P05 13:30 ~ 15:30	A311 09:30 ~ 11:30	A311 13:00 ~ 17:00					
10 Spintronics and Magnetics											
10.1 Emerging materials in spintronics and magnetics (including fabrication and characterization)		C501 13:30 ~ 18:00			C501 09:00 ~ 10:30						
10.2 Fundamental and exploratory device technologies for spin					C501 10:45 ~ 12:00					A201 09:00 ~ 12:00	A201 13:30 ~ 16:30
10.3 Spin devices, magnetic memories and storages						C501 13:30 ~ 18:45	P01 09:30 ~ 11:30				
10.4 Spintronics in semiconductor, topological material, superconductor, and multiferroics			C501 09:00 ~ 12:00	C501 13:30 ~ 17:30							
10.5 Application of magnetic field	C501 09:30 ~ 12:00										
11 Superconductivity											
11.1 Fundamental properties				B202 13:30 ~ 18:00	B202 09:45 ~ 11:30	B202 13:30 ~ 16:45					
11.2 Thin and thick superconducting films, coated conductors and film crystal growth				C301 13:00 ~ 16:45							
11.3 Critical Current, Superconducting Power Applications			P03 09:30 ~ 11:30		C301 09:00 ~ 10:45						
11.4 Analog applications and their related technologies						B204 13:30 ~ 19:00					
11.5 Junction and circuit fabrication process, digital applications						C301 13:30 ~ 17:15					
12 Organic Molecules and Bioelectronics											
12.1 Fabrications and Structure Controls				P08 16:00 ~ 18:00			B205 09:00 ~ 12:00	B205 13:30 ~ 19:00			
12.2 Characterization and Materials Physics		D903 13:45 ~ 18:00	D903 09:00 ~ 12:00	D903 13:30 ~ 18:15			P02 09:30 ~ 11:30				
12.3 Functional Materials and Novel Devices	D902 09:00 ~ 12:00	D902 13:30 ~ 17:45	D902 09:00 ~ 12:00	D902 13:30 ~ 17:45			P03 09:30 ~ 11:30	D901 13:30 ~ 17:00			
12.4 Organic light-emitting devices and organic transistors	A201 09:00 ~ 12:30	P03 16:00 ~ 18:00					D903 09:00 ~ 12:30	D903 14:00 ~ 17:45	A401 09:00 ~ 11:15		
12.5 Organic and hybrid solar cells		P04 16:00 ~ 18:00				C601 13:30 ~ 20:00	C601 09:00 ~ 12:00	C601 13:30 ~ 19:45			
CS.13 Code-sharing Session of 12.5 & 13.9 & 16.3					D903 09:00 ~ 11:45						
12.6 Nanobiotechnology				P09 16:00 ~ 18:00	D901 09:00 ~ 12:00	D901 13:30 ~ 19:00	D901 09:00 ~ 11:45				
CS.14 Code-sharing Session of 12.6 & 12.7			D901 09:00 ~ 12:00								
12.7 Biomedical Engineering and Biochips				P10 16:00 ~ 18:00	D902 09:00 ~ 11:45	D902 13:30 ~ 18:15	D902 09:00 ~ 12:00	D902 13:30 ~ 16:30			
CS.14 Code-sharing Session of 12.6 & 12.7			D901 09:00 ~ 12:00								
13 Semiconductors											
13.1 Fundamental properties, surface and interface, and simulations of Si related materials						B203 13:30 ~ 15:15		P05 16:00 ~ 18:00			
13.2 Exploratory Materials, Physical Properties, Devices							B202 09:00 ~ 11:30	P06 16:00 ~ 18:00	B205 09:00 ~ 12:00	B205 13:30 ~ 14:45	
13.3 Insulator technology								P07 16:00 ~ 18:00	A303 09:00 ~ 12:30	A303 13:30 ~ 15:30	
CS.8 Code-sharing Session of 6.1 & 13.3 & 13.5							A201 09:00 ~ 12:15				
13.4 Si processing /Si based thin film / MEMS / Equipment technology	A301 09:00 ~ 11:45		A301 09:00 ~ 12:00	B201 13:30 ~ 16:00				P08 16:00 ~ 18:00			
13.5 Semiconductor devices/ Interconnect/ Integration technologies			A304 09:00 ~ 12:00		A304 09:00 ~ 12:00			A303 09:00 ~ 11:15			
CS.8 Code-sharing Session of 6.1 & 13.3 & 13.5								A201 09:00 ~ 12:15			
13.6 Nanostructures, quantum phenomena, and nano quantum devices				A301 13:00 ~ 18:45					P09 16:00 ~ 18:00		
13.7 Compound and power devices, process technology and characterization					P06 09:30 ~ 11:30	B201 13:30 ~ 17:45	B201 09:00 ~ 12:15	B201 13:45 ~ 17:30	B201 09:00 ~ 12:00	B201 13:30 ~ 14:45	
13.8 Optical properties and light-emitting devices								P10 16:00 ~ 18:00	A305 09:00 ~ 12:00	A305 13:30 ~ 17:00	
13.9 Compound solar cells	D903 09:00 ~ 12:15		C601 09:00 ~ 11:45	P06 13:30 ~ 15:30							
CS.13 Code-sharing Session of 12.5 & 13.9 & 16.3					D903 09:00 ~ 11:45						

Schedule by Category (4)

Category Section	Sep. 19 (Tue.)		Sep. 20 (Wed.)		Sep. 21 (Thu.)		Sep. 22 (Fri.)		Sep. 23 (Sat.)	
	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
15 Crystal Engineering										
15.1 Bulk crystal growth	B202 10:00 ~ 11:45	B202 13:30 ~ 15:15				P04 13:30 ~ 15:30				
15.2 II-VI and related compounds										A306 14:30 ~ 15:00
15.3 III-V-group epitaxial crystals, Fundamentals of epitaxy			A311 09:30 ~ 11:45	A311 13:30 ~ 15:45		P05 13:30 ~ 15:30				
15.4 III-V-group nitride crystals	B101 10:15 ~ 12:00	B101 13:30 ~ 18:00	B101 09:00 ~ 12:15	B101 13:30 ~ 18:00	B101 09:00 ~ 12:00	B101 13:30 ~ 18:00	B101 09:00 ~ 11:45	B101 13:30 ~ 18:00	B101 09:00 ~ 12:00	
						P06 13:30 ~ 15:30				
15.5 Group IV crystals and alloys							P03 13:30 ~ 15:30		A602 09:00 ~ 11:15	A602 12:45 ~ 17:00
15.6 Group IV Compound Semiconductors (SiC)			B201 10:30 ~ 12:00		P07 09:30 ~ 11:30					
15.7 Crystal characterization, impurities and crystal defects	B201 09:00 ~ 11:30	B201 13:30 ~ 15:15				P07 13:30 ~ 15:30				
16 Amorphous and Microcrystalline Materials										
16.1 Fundamental properties, evaluation, process and devices in disordered materials						P08 13:30 ~ 15:30	C401 09:00 ~ 11:30	C401 13:30 ~ 16:15	A311 09:00 ~ 11:45	
16.2 Energy Harvesting										A311 13:30 ~ 15:00
16.3 Bulk, thin-film and other silicon-based solar cells		P05 16:00 ~ 18:00		D901 13:30 ~ 16:00						
CS.13 Code-sharing Session of 12.5 & 13.9 & 16.3					D903 09:00 ~ 11:45					
17 Nanocarbon and Two-Dimensional Materials										
CS.7 Code-sharing Session of 4.5 & 17				A602 13:00 ~ 18:45						
17.1 Carbon nanotubes & other nanocarbon materials							A306 09:00 ~ 11:30	A306 13:00 ~ 18:45		
17.2 Graphene		P01 13:30 ~ 15:30	A306 09:15 ~ 11:30	A306 13:00 ~ 16:15	A306 09:00 ~ 11:30					
17.3 Layered materials	A202 09:00 ~ 11:30		A202 09:30 ~ 12:00		A202 09:00 ~ 12:00		A202 09:00 ~ 12:00		A202 09:00 ~ 12:00	A202 13:30 ~ 16:30
		A202 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"	A302 09:00 ~ 11:45	A302 13:00 ~ 17:15	A302 09:00 ~ 11:45	A302 13:00 ~ 17:00		P09 13:30 ~ 15:30				
22 Joint Session M "Phonon Engineering"										
22.1 Joint Session M "Phonon Engineering"					P08 09:30 ~ 11:30		C501 09:30 ~ 11:45	C501 13:30 ~ 17:00	A304 09:30 ~ 11:45	
CS.12 Code-sharing Session of 9.4 & M					B203 09:00 ~ 12:00					
23 Joint Session N "Informatics"										
23.1 Joint Session N "Informatics"		C601 13:30 ~ 17:45	P04 09:30 ~ 11:30	C601 13:30 ~ 18:00						
KS Sessions organized by JSAP's Professional Group										
KS.1 Solid State Quantum Sensor Group							P04 09:30 ~ 11:30			
CS.9 Code-sharing Session of 6.2 & KS					C402 09:00 ~ 10:45			A601 13:00 ~ 17:45		