

Schedule by Category I

Category Section	March 17 (Mon.)		March 18 (Tue.)		March 19 (Wed.)		March 20 (Thu.)	
	AM	PM	AM	PM	AM	PM	AM	PM
1. Applied Physics in General								
Symposium				D2 14:00 ~ 17:45				
1.1 Interdisciplinary and General Physics			F4 10:00 ~ 12:00			E4 13:00 ~ 16:30		
1.2 Education			PA1 9:30 ~ 11:30			PA1 16:00 ~ 18:00		
1.3 Novel Technologies and Frontier Engineering Science					F4 10:00 ~ 11:45	PA2 16:00 ~ 18:00		
1.4 Energy conversion and storage						F4 14:00 ~ 16:30 PA3 16:00 ~ 18:00		
1.5 Resources and environment						F4 16:30 ~ 16:45		
1.6 Magnetic field and its application						PA4 16:00 ~ 18:00	F4 9:00 ~ 11:30	F4 12:15 ~ 15:00
1.7 Instrumentation and measurement					F5 9:30 ~ 12:00	PA5 16:00 ~ 18:00		
1.8 Metrology						F5 14:00 ~ 15:15 PA6 16:00 ~ 18:00		
1.9 Ultrasonic				F5 14:00 ~ 18:30		PA7 16:00 ~ 18:00		
2. Ionizing radiation								
Symposium		E12 14:00 ~ 17:15						
2. Ionizing Radiation				D3 14:00 ~ 16:45				
2.1 Radiation physics and detectors					PA1 9:30 ~ 11:30			
2.2 Detection systems			F1 9:00 ~ 10:45			F1 14:00 ~ 18:30		
2.3 Application of radiation, radiation generators and technologies							F1 9:00 ~ 12:30	F1 13:30 ~ 15:00
3. Optics								
3.1 Basic optics and frontier of optics	F6 10:00 ~ 12:45	F6 14:00 ~ 17:00			PA1 13:30 ~ 15:30			
3.2 Materials optics					PA9 16:00 ~ 18:00	F10 9:45 ~ 12:30		
3.3 Equipment and device optics			F10 9:00 ~ 10:45		PA10 16:00 ~ 18:00			
3.4 Optical measurement	E4 9:15 ~ 11:45	E4 13:15 ~ 17:45	E4 9:00 ~ 11:45	PA2 13:30 ~ 15:30				
3.5 Information optics & photonics			PG1 9:30 ~ 11:30	F10 14:00 ~ 18:15				
3.6 Biomedical optics	E6 9:00 ~ 11:45	E6 13:15 ~ 17:45	PG2 9:30 ~ 11:30					
3.7 Nano-optics	F12 9:30 ~ 12:00	F12 14:00 ~ 17:30	F12 9:00 ~ 12:30	F12 14:00 ~ 17:00	PA2 9:30 ~ 11:30			
4. Quantum Electronics								
Symposium					D3 9:00 ~ 12:30			
4.1 Quantum and atom optics	D10 9:00 ~ 12:15	D10 14:00 ~ 15:45						
4.2 Photonic nanostructures and phenomena	PA1 9:30 ~ 11:30	E16 13:15 ~ 18:00	E16 9:00 ~ 11:45	E16 13:15 ~ 17:00				
4.3 Laser systems and materials		E18 13:15 ~ 18:00	E18 9:15 ~ 11:45	PA3 13:30 ~ 15:30				
4.4 Ultrashort-pulse and high-intensity lasers	F7 9:15 ~ 12:30	F7 14:00 ~ 17:45	F7 9:30 ~ 12:30	PA4 13:30 ~ 15:30				
4.5 THz technology	PA2 9:30 ~ 11:30	E17 13:00 ~ 18:00	E17 9:00 ~ 11:45	E17 13:15 ~ 18:30				
4.6 Applied laser spectroscopy and instrumentation	PA3 9:30 ~ 11:30	D1 14:00 ~ 17:30						
4.7 Laser processing				PA5 13:30 ~ 15:30	D1 9:30 ~ 12:00	D1 13:00 ~ 18:30	D1 9:30 ~ 12:15	
5. Optoelectronics								
Symposium					F8 13:30 ~ 17:30			
5. Optoelectronics		PA2 16:00 ~ 18:00						
5.1 Semiconductor laser, Light emitter / Photodetector			F9 9:30 ~ 12:15	F9 14:00 ~ 18:15				
5.2 Optical Recording/Display/Lighting		F9 14:00 ~ 16:45						
5.3 Optical Control			F8 9:00 ~ 12:30		F8 9:00 ~ 12:30	F8 14:00 ~ 19:00	F8 9:00 ~ 12:00	F8 13:00 ~ 15:00
5.4 Optical fiber	E8 10:00 ~ 11:45	E8 13:15 ~ 14:30						

How to Read a Table

March 17 (Mon.)		March 18 (Tue.)		March 19 (Wed.)		March 20 (Thu.)	
AM	PM	AM	PM	AM	PM	AM	PM
E7 (Short) 10:00~11:52	→Poster (PA) 16:00~18:00	PG1 9:30~11:30	F3 9:00~12:00	E2 9:00~12:15	E2 13:15~17:00	D3 9:00~12:00	D3 13:00~14:30
Short oral presentation followed by poster presentation			Session Room	Session Time			

Schedule by Category II

Category Section	March 17 (Mon.)		March 18 (Tue.)		March 19 (Wed.)		March 20 (Thu.)	
	AM	PM	AM	PM	AM	PM	AM	PM
6. Thin Films and Surfaces								
Symposium			D9 9:00 ~ 12:00	D9 13:30 ~ 16:30		F7 14:00 ~ 17:30		
			E1 9:00 ~ 11:45	E1 13:15 ~ 18:30				
				D10 14:00 ~ 18:30				
6.1 Ferroelectric thin films		PG1 16:00 ~ 18:00	D10 9:00 ~ 12:30		D10 9:00 ~ 12:30	D10 14:00 ~ 15:30		
6.2 Carbon-based thin films	D6 9:30 ~ 12:30	D6 14:00 ~ 17:15	D6 9:00 ~ 12:15	D6 13:30 ~ 18:45	PG1 9:30 ~ 11:30			
6.3 Oxide-based electronics		PG2 16:00 ~ 18:00	E8 9:00 ~ 11:45	E8 13:15 ~ 18:45	E8 9:15 ~ 11:45	E8 13:15 ~ 18:45	E8 9:30 ~ 11:30	E8 13:00 ~ 15:00
6.4 New thin-film materials					D6 9:00 ~ 12:15	D6 13:45 ~ 18:30	PA1 9:30 ~ 11:30	D6 13:00 ~ 15:00
6.5 Surface physics and vacuum				PG8 16:00 ~ 18:00	F7 9:15 ~ 12:00		F7 9:30 ~ 12:00	
6.6 Probe microscopy				PG9 16:00 ~ 18:00	D5 9:00 ~ 12:15	D5 13:45 ~ 17:15	D5 10:00 ~ 12:00	
7. Beam Technology and Nanofabrication								
7.1 X-ray technologies			PA2 9:30 ~ 11:30	F1 14:00 ~ 18:15				
7.2 Electron microscopes, evaluation, measurement and analysis			F5 9:00 ~ 12:00	PG1 13:30 ~ 15:30				
7.3 Lithography			PA3 9:30 ~ 11:30	F2 14:00 ~ 17:45				
7.4 Nanoimprint				F3 14:00 ~ 19:00				
7.5 Particle/photon-beam-induced surface reactions	F3 9:00 ~ 11:00							
7.6 Ion beams	F4 9:30 ~ 12:30	F4 14:00 ~ 17:30	PA4 9:30 ~ 11:30					
7.7 Vacuum nanoelectronics and electron sources		F5 13:30 ~ 17:45						
7.8 New beam-application technologies	F3 11:15 ~ 12:45							
8. Plasma Electronics								
Symposium				F7 13:45 ~ 18:00				
8.1 Plasma production and control		F3 14:00 ~ 18:15			PA3 9:30 ~ 11:30			
8.2 Plasma measurements and diagnostics		F2 14:00 ~ 18:30		PA6 13:30 ~ 15:30				
8.3 Plasma deposition of thin film and surface treatment		F1 14:00 ~ 18:15			PA4 9:30 ~ 11:30			
8.4 Plasma etching				PA7 13:30 ~ 15:30	F6 11:00 ~ 12:30	F6 14:00 ~ 19:00		
8.5 Plasma nanotechnology					PA5 9:30 ~ 11:30	F3 14:00 ~ 17:15		
8.6 General plasma phenomena, emerging area of plasmas and their new applications				PA8 13:30 ~ 15:30	F2 10:30 ~ 12:30	F2 14:00 ~ 18:45		
9. Applied Materials Science								
9.1 Dielectrics, ferroelectrics						PG1 16:00 ~ 18:00	F11 9:00 ~ 11:45	F11 12:45 ~ 15:00
9.2 Nanowires, nanoparticles			F11 9:30 ~ 11:45	F11 13:00 ~ 17:45	PA6 9:30 ~ 11:30			
9.3 Nanoelectronics	F11 9:30 ~ 12:30	F11 14:00 ~ 17:45		PG10 16:00 ~ 18:00				
9.4 Thermoelectric conversion				PG11 16:00 ~ 18:00	F11 9:00 ~ 12:15	F11 13:15 ~ 18:15		
9.5 New functional materials and new physical properties	F10 10:00 ~ 12:30	F10 14:00 ~ 16:30		PG12 16:00 ~ 18:00				
10. Spintronics and Magnetics								
Symposium				E7 13:00 ~ 16:45				
10.1 Creation of new materials	E7 (Short) 10:00 ~ 10:26	→ Poster (PA) 13:30 ~ 15:30	E7 9:00 ~ 11:45					
		E7 15:45 ~ 17:30						
10.2 Spin torque, spin current, circuits, and measurement technologies	E7 (Short) 10:26 ~ 11:06	→ Poster (PA) 13:30 ~ 15:30			E7 9:00 ~ 12:00	E7 13:00 ~ 14:00		
10.3 Giant magnetoresistance (GMR), tunnel magnetoresistance (TMR) and magnetic recording technologies	E7 (Short) 11:06 ~ 11:18	→ Poster (PA) 13:30 ~ 15:30					E7 9:00 ~ 12:15	E7 13:15 ~ 15:00
10.4 Semiconductors, organic, optical, and quantum spintronics	E7 (Short) 11:18 ~ 11:52	→ Poster (PA) 13:30 ~ 15:30				E7 14:00 ~ 18:30		
11. Superconductivity								
Symposium		D3 13:30 ~ 17:45						
11. Superconductivity					PG2 9:30 ~ 11:30			
11.1 Fundamental properties			D1 9:00 ~ 12:30	D1 13:30 ~ 19:00				
11.2 Thin films, thick films, coated conductors and thin film crystal growth				D4 14:00 ~ 17:30		D4 14:00 ~ 17:30		
11.3 Critical current, superconducting power applications			D4 9:00 ~ 12:15					
11.4 Analog application and its related technologies			D5 9:00 ~ 12:00	D5 13:30 ~ 17:30				
11.5 Junction, circuit fabrication process and digital applications		D4 14:00 ~ 17:30						

Schedule by Category III

Category Section	March 17 (Mon.)		March 18 (Tue.)		March 19 (Wed.)		March 20 (Thu.)	
	AM	PM	AM	PM	AM	PM	AM	PM
12. Organic Molecules and Bioelectronics								
Symposium				E15 13:00 ~ 17:45				
				E3 13:00 ~ 16:45				
12.1 Fabrications and Structure Controls			PG3 9:30 ~ 11:30		E5 9:00 ~ 11:45	E5 13:15 ~ 19:00	E5 9:00 ~ 12:00	E5 13:00 ~ 14:30
12.2 Characterization and Materials Physics			PA5 9:30 ~ 11:30		E16 9:00 ~ 11:45	E16 13:30 ~ 16:45	E16 9:00 ~ 11:45	
12.3 Functional materials and novel devices			E6 9:00 ~ 11:45		E6 9:00 ~ 11:45	PA8 16:00 ~ 18:00	E6 9:00 ~ 12:00	E6 13:00 ~ 14:45
12.4 Organic light-emitting devices and organic transistors	PG1 9:30 ~ 11:30	E3 13:15 ~ 18:00	E3 9:00 ~ 11:45		E3 9:00 ~ 11:30	E3 13:00 ~ 18:45	E3 9:00 ~ 12:00	
12.5 Organic solar cells			PA6 9:30 ~ 11:30	E9 13:15 ~ 19:00	E9 9:15 ~ 11:45	E9 13:15 ~ 18:45	E9 9:00 ~ 11:45	
12.6 Nanobiotechnology			PG4 9:30 ~ 11:30		E17 9:00 ~ 11:45	E17 13:15 ~ 18:45	E17 9:15 ~ 12:00	
12.7 Medical Engineering and Biochips	E14 9:00 ~ 11:45	E14 13:15 ~ 17:30	PG5 9:30 ~ 11:30		E15 9:00 ~ 11:45	E15 13:15 ~ 17:45		
13. Semiconductors A (Silicon)								
Symposium	E1 10:30 ~ 12:00	E1 14:45 ~ 18:00						
		E9 14:30 ~ 18:30						
13.1 Basic Properties, Surface and Interface Phenomena, and Simulation				PA11 16:00 ~ 18:00	D9 9:00 ~ 12:30	D9 14:00 ~ 19:00	D9 9:00 ~ 11:45	
13.2 Insulator technology			D8 9:00 ~ 12:15	D8 13:30 ~ 17:30		PG2 16:00 ~ 18:00		
13.3 Si Process/Interconnect/MEMS/Integration			E14 9:00 ~ 11:45	E14 13:15 ~ 18:45	E14 9:00 ~ 11:45	E14 13:15 ~ 18:45	E14 9:00 ~ 11:45	E14 13:15 ~ 14:15
						PG3 16:00 ~ 18:00		
13.4 Devices/Integration Technologies				PA12 16:00 ~ 18:00	F12 9:00 ~ 12:30	F12 13:30 ~ 18:45	F12 9:00 ~ 12:30	F12 13:30 ~ 15:00
13.5 Si-English Session						PG4 16:00 ~ 18:00	F10 9:00 ~ 12:30	
14. Semiconductors B (Exploratory Materials, Physical Properties, Devices)								
14.1 Physical properties of exploratory materials					PG3 9:30 ~ 11:30	D3 14:00 ~ 17:45	D3 9:00 ~ 12:00	
14.2 Ultrathin films and quantum nanostructures	E15 10:15 ~ 11:45	E15 13:15 ~ 17:30	E15 9:15 ~ 11:45	PG2 13:30 ~ 15:30				
14.3 Electron devices and Process technology				PG3 13:30 ~ 15:30	D8 9:00 ~ 12:30	D8 14:00 ~ 17:30	D8 9:00 ~ 12:00	D8 13:00 ~ 15:00
14.4 Optical properties and light-emitting devices			PG6 9:30 ~ 11:30	E11 13:15 ~ 17:00	E11 9:00 ~ 11:45	E11 13:15 ~ 18:15	E11 9:30 ~ 11:45	
14.5 Compound solar cells			D7 9:30 ~ 12:15	PG4 13:30 ~ 15:30	D7 9:00 ~ 12:15	D7 13:30 ~ 18:30		
				D7 16:00 ~ 18:00				
15. Crystal Engineering								
Symposium						E13 13:00 ~ 19:00		
15.1 Bulk crystal growth			D3 9:00 ~ 12:30		PG4 9:30 ~ 11:30			
15.2 II-VI-group crystals			D2 9:30 ~ 12:00	PG5 13:30 ~ 15:30				
15.3 III-V-group epitaxial crystals	E11 10:30 ~ 11:45	E11 13:30 ~ 17:30	E11 9:30 ~ 11:45	PG6 13:30 ~ 15:30				
15.4 III-V-group nitride crystals	E13 9:00 ~ 12:00	E13 13:00 ~ 18:00	E13 9:00 ~ 12:00	E13 13:00 ~ 18:15	E13 9:00 ~ 12:00		E13 9:00 ~ 11:45	E13 13:00 ~ 15:00
15.5 IV-group crystals and IV-IV-group mixed crystals	PG2 9:30 ~ 11:30		F6 9:00 ~ 12:15	F6 13:30 ~ 18:45				
15.6 IV-group-based compounds	PG3 9:30 ~ 11:30	E5 13:15 ~ 16:45	E5 9:30 ~ 11:45	E5 13:15 ~ 16:15				
15.7 Fundamentals of epitaxy	E11 9:00 ~ 10:15			PG7 13:30 ~ 15:30				
15.8 Crystal evaluation, impurities and crystal defects					PG5 9:30 ~ 11:30	F9 13:00 ~ 17:45		
16. Amorphous and Microcrystalline Materials								
Symposium		D9 13:00 ~ 17:30						
							E12 9:15 ~ 11:30	E12 13:00 ~ 15:00
16.1 Fundamental properties and their evaluation in disordered materials						D2 14:00 ~ 17:15		
16.2 Processing technologies and devices					D2 9:30 ~ 12:30			
16.3 Bulk, thin-film and other silicon-based solar cells	PA4 9:30 ~ 11:30		E12 9:00 ~ 11:45	E12 13:15 ~ 19:00	E12 9:15 ~ 11:45	E12 13:15 ~ 18:30		
17. Nanocarbon Technology								
17. Nanocarbon Technology	E2 (Short) 9:50 ~ 11:42	→ Poster (PG) 13:30 ~ 15:30						
17.1 Growth technology				E2 13:15 ~ 18:00	E18 9:15 ~ 11:45	E2 15:45 ~ 17:45		
17.2 Structural control and process		D5 16:00 ~ 18:00	E2 10:30 ~ 11:45			E18 13:15 ~ 14:45		
17.3 Exploration of new functions and evaluation of basic properties			E2 9:00 ~ 10:15		E2 9:00 ~ 11:45	E2 13:15 ~ 15:30	E18 10:00 ~ 12:00	
17.4 Device application						E18 14:45 ~ 18:15	E2 9:00 ~ 12:15	E2 13:15 ~ 14:45
Joint Session K "Wide bandgap oxide semiconductor materials and devices"								
Symposium						E10 13:15 ~ 17:45		
Joint Session K "Wide bandgap oxide semiconductor materials and devices"	E10 9:00 ~ 12:00	E10 13:15 ~ 15:45	E10 9:00 ~ 11:45	E10 13:15 ~ 18:30	E10 9:30 ~ 12:00			
		PG3 16:00 ~ 18:00						