Schedule by Room (I)

	Room	Cap.	Mar. 12 (Thu.)		Mar. 13 (Fri.)		Mar. 14 (Sat.)		Mar. 15 (Sun.)	
			AM	PM	AM	PM	AM	PM	AM	PM
A (#6 Bldg.)	A201 (6-201)	150	10:00 ~ 12:15 15.1 Bulk crystal growth	13:45 ~ 17:00 15.1 Bulk crystal growth	09:00 ~ 11:30 8.4 Plasma life sciences	13:30 ~ 17:30 T29 Current topics and future prospects of amorphous materials and their device applications	09:00 ~ 12:15 T27 Nano-cybernetics of interface bonded at room or low temperature and ultra thin films at heterojunction interface	13:45 ~ 17:20 T27 Nano-cybernetics of interface bonded at room or low temperature and ultra thin films at heterojunction interface	09:00 ~ 11:30 15.6 Group IV Compound Semiconductors (SiC)	13:00 ~ 17:00 15.6 Group IV Compound Semiconductors (SiC)
	A202 (6-202)	108	10:00 ~ 11:45 13.1 Fundamental properties, surface and interface, and simulations of Si related materials	13:15 ~ 16:45 13.1 Fundamental properties, surface and interface, and simulations of Si related materials	09:00 ~ 12:00 13.9 Compound solar cells	13:30 ~ 18:00 13.9 Compound solar cells	09:00 ~ 11:00 13.2 Exploratory Materials, Physical Properties, Devices		09:00 ~ 11:00 13.2 Exploratory Materials, Physical Properties, Devices	13:45 ~ 17:00 10.5 Application of magnetic field
	A205 (6-205)	246	09:00 ~ 12:10 Tutorial 3	13:45 ~ 18:00 8.2 Plasma deposition of thin film, plasma etching and surface treatment	09:00 ~ 10:30 8.2 Plasma deposition of thin film, plasma etching and surface treatment 10:45 ~ 11:15 8.7 Plasma Electronics Invited Talk	13:30 ~ 17:20 T16 Forefront of elucidating the mechanism of plasma-induced biological reactions	09:30 ~ 12:15 23.1 Joint Session N "Informatics"	13:45 ~ 16:45 23.1 Joint Session N "Informatics"	09:30 ~ 12:15 23.1 Joint Session N "Informatics"	
	A301 (6-301)	246	10:00 ~ 12:00 T23 Development of multinary compounds based on engineering for diverse stable phases -Future Materials Exploring Initiative ~Future of Environment and Energy Materials~ -	13:30 ~ 17:15 T23 Development of multinary compounds based on engineering for diverse stable phases -Future Materials Exploring Initiative ~Future of Environment and Energy Materials~ -	09:00 ~ 12:20 T28 Advances of Energy Harvesting Technologies for Society 5.0	13:30 ~ 17:15 T20 Frontier of Nonvolatile Memory technologies - Spintronic, Phase-change, Resistive and Ferroelectric-	09:15 ~ 12:15 31.1 Focused Session "AI Electronics"	13:45 ~ 17:15 31.1 Focused Session "AI Electronics"		
	A302 (6-302)	200	09:00 ~ 12:15 15.4 III-V-group nitride crystals	13:15 ~ 18:00 8.1 Plasma production and diagnostics	09:00 ~ 12:00 15.4 III-V-group nitride crystals	13:30 ~ 16:15 15.4 III-V-group nitride crystals	09:00 ~ 12:30 15.4 III-V-group nitride crystals	13:45 ~ 18:45 15.4 III-V-group nitride crystals	09:00 ~ 12:15 15.4 III-V-group nitride crystals	13:45 ~ 17:00 15.4 III-V-group nitride crystals
	A303 (6-303)	102		13:45 ~ 17:45 13.8 Optical properties and light-emitting devices	09:30 ~ 11:30 13.8 Optical properties and light-emitting devices	13:30 ~ 17:15 T25 Recent progress in Advanced Ion Microscopy: Application to nano materials and devices	09:30 ~ 11:15 13.8 Optical properties and light-emitting devices	13:45 ~ 17:30 CS.4 Code-sharing Session of 6.1 & 13.3 & 13.5		
	A304 (6-304)	150	11:00 ~ 12:00 Award Ceremony	17:00 ~ 18:20 Award Ceremony		13:30 ~ 18:00 NT1 Development of emerging talent in applied physics through diversity promotion - what JSAP can/should do -	09:00 ~ 11:30 8.4 Plasma life sciences	13:30 ~ 17:30 NT3 To accelerate social implementations of applied-physic technologies related to integrated circuits	09:00 ~ 11:45 8.5 Plasma phenomena, emerging area of plasmas and their new applications	13:15 ~ 15:00 8.5 Plasma phenomena, emerging area of plasmas and their new applications
	A305 (6-305)	108		13:45 ~ 17:15 13.5 Semiconductor devices/ Interconnect/ Integration technologies	09:00 ~ 11:15 13.5 Semiconductor devices/ Interconnect/ Integration technologies	13:45 ~ 17:45 13.5 Semiconductor devices/ Interconnect/ Integration technologies	09:00 ~ 12:00 13.4 Si processing /Si based thin film / MEMS / Equipment technology	13:45 ~ 17:30 13.4 Si processing /Si based thin film / MEMS / Equipment technology	09:00 ~ 12:30 13.3 Insulator technology	13:45 ~ 16:30 13.4 Si processing /Si based thin film / MEMS / Equipment technology
	A307 (6-307)	405		13:30 ~ 17:30 T26 Materials Science and Advanced Electronics Created by Singularity of Nitride Semiconductors -Frontiers in defect physics: Merging characterization and theory-	10:00 ~ 12:10 NT2 Critical Role of Semiconductors in Auto Industry: Future of automotive semiconductors and Challenges by Cutting-Edge researchers	13:30 ~ 17:10 T1 Emerging devices, architectures and systems for the post-Moore's Law era				
	A401 (6-401)	246		13:30 ~ 16:00 Tutorial 6 16:15 ~ 17:45 17.3 Layered materials 17:45 ~ 18:15 17.2 Graphene	09:00 ~ 11:45 17.2 Graphene	13:30 ~ 18:30 T31 Science and applications of integrated two-dimensional materials	09:15 ~ 11:55 T12 New functional memory devices with oxide materials and their physics	13:30 ~ 15:30 T12 New functional memory devices with oxide materials and their physics		
	A402 (6-402)	200		13:15 ~ 18:00 12.5 Organic solar cells	09:00 ~ 11:45 12.5 Organic solar cells	13:30 ~ 17:55 T18 Future developments on energy storage devices ~For improvement of capacitance and reliability~	09:00 ~ 11:45 12.5 Organic solar cells	13:30 ~ 18:00 T30 Toward construction of academic theory on "module science" with giving cases of solar cells	09:00 ~ 11:45 12.5 Organic solar cells	13:15 ~ 16:15 12.5 Organic solar cells
	A403 (6-403)	102		13:15 ~ 17:30 16.3 Bulk, thin-film and other silicon-based solar cells	09:15 ~ 11:45 16.3 Bulk, thin-film and other silicon-based solar cells	13:15 ~ 16:45 1.4 Energy conversion, storage, resources and environment	09:15 ~ 11:45 16.3 Bulk, thin-film and other silicon-based solar cells	13:45 ~ 18:45 17.2 Graphene	09:00 ~ 12:00 17.1 Carbon nanotubes & other nanocarbon materials	13:15 ~ 14:45 17.1 Carbon nanotubes & other nanocarbon materials
	A404 (6-404)	150		13:15 ~ 16:30 12.1 Fabrications and Structure Controls	09:30 ~ 11:45 17.1 Carbon nanotubes & other nanocarbon materials	13:15 ~ 16:45 12.1 Fabrications and Structure Controls	09:00 ~ 09:30 17.2 Graphene 09:30 ~ 11:45 17.3 Layered materials	13:45 ~ 16:15 17.2 Graphene 16:30 ~ 19:00 17.3 Layered materials	09:00 ~ 11:45 17.3 Layered materials	

Schedule by Room (II)

	Room	Cap.	Mar. 12 (Thu.)		Mar. 13 (Fri.)		Mar. 14 (Sat.)		Mar. 15 (Sun.)	
			AM	PM	AM	PM	AM	PM	AM	PM
A (#6 Bldg.)	A405 (6-405)	108	09:00 ~ 12:00 12.2 Characterization and Materials Physics	13:15 ~ 18:00 12.2 Characterization and Materials Physics	09:00 ~ 12:00 12.2 Characterization and Materials Physics	13:15 ~ 18:00 12.2 Characterization and Materials Physics	09:45 ~ 11:45 22.1 Joint Session M "Phonon Engineering"	13:15 ~ 17:30 22.1 Joint Session M "Phonon Engineering"	09:45 ~ 11:45 22.1 Joint Session M "Phonon Engineering"	
	A407 (6-407)	61	09:00 ~ 12:00 12.6 Nanobiotechnology	13:15 ~ 14:15 16.2 Energy Harvesting	09:00 ~ 11:45 12.6 Nanobiotechnology	13:15 ~ 17:45 12.6 Nanobiotechnology	09:15 ~ 11:30 16.1 Fundamental properties, evaluation, process and devices in disordered materials	13:15 ~ 16:30 16.1 Fundamental properties, evaluation, process and devices in disordered materials		
	A408 (6-408)	150	09:00 ~ 12:15 12.7 Biomedical Engineering and Biochips	13:15 ~ 15:30 12.7 Biomedical Engineering and Biochips	09:00 ~ 12:15 12.7 Biomedical Engineering and Biochips	13:15 ~ 17:45 12.7 Biomedical Engineering and Biochips	09:30 ~ 11:30 12.3 Functional Materials and Novel Devices	13:30 ~ 18:00 T13 The fusion of multidimensional measurement technologies and data science toward the advancement of bioimaging and biosensing	09:15 ~ 11:45 12.3 Functional Materials and Novel Devices	13:15 ~ 16:30 12.3 Functional Materials and Novel Devices
	A409 (6-409)	150	09:15 ~ 11:45 12.4 Organic light-emitting devices and organic transistors	13:15 ~ 17:15 12.4 Organic light-emitting devices and organic transistors	09:00 ~ 11:30 12.4 Organic light-emitting devices and organic transistors	13:15 ~ 17:30 12.4 Organic light-emitting devices and organic transistors	09:00 ~ 11:00 12.4 Organic light-emitting devices and organic transistors	13:30 ~ 17:30 T17 Science of Ensemble Phenomenon ~Emergence of Novel Functions and Applications by Harmonization of Complex-States~		
	A410 (6-410)	299		13:30 ~ 16:45 T24 IoT devices and technologies in production fields	09:30 ~ 11:30 12.3 Functional Materials and Novel Devices	13:30 ~ 17:00 T10 Leading edge of all-solid-state batteries: Basics, challenges, and future prospects	09:00 ~ 11:45 15.6 Group IV Compound Semiconductors (SiC)	13:30 ~ 18:30 T22 Organic Transistors: Exploring New Frontiers		
	A501 (6-501)	150	09:00 ~ 12:10 Tutorial 5	13:15 ~ 17:45 10.4 Semiconductor spintronics, superconductor, multiferroics	10:00 ~ 12:00 10.3 Spin devices, magnetic memories and storages	13:15 ~ 16:45 T3 Recent Advances in Radioisotope Imaging Technology for Plant Science Research	09:00 ~ 12:30 10.2 Fundamental and exploratory device technologies for spin	15:45 ~ 19:00 CS.7 Code-sharing Session of 10.1 & 10.2 & 10.3 & 10.4	09:00 ~ 12:30 10.1 Emerging materials in spintronics and magnetics (including fabrication and charactrization methodologies)	
B (#2 Bldg.)	B309 (2-309)	150					09:00 ~ 11:45 3.12 Nanoscale optical science and near-field optics	13:15 ~ 18:30 3.12 Nanoscale optical science and near-field optics	10:30 ~ 11:45 3.4 Biomedical optics	13:15 ~ 16:00 3.4 Biomedical optics
	B401 (2-401)	250		13:15 ~ 17:30 13.7 Compound and power electron devices and process technology	09:00 ~ 11:45 13.7 Compound and power electron devices and process technology	13:00 ~ 15:30 3.11 Photonic structures and phenomena	09:00 ~ 12:00 13.7 Compound and power electron devices and process technology	13:30 ~ 18:15 13.7 Compound and power electron devices and process technology		
	B406 (2-406)	60	10:30 ~ 11:45 3.14 Optical control devices and optical fibers	13:15 ~ 15:30 3.14 Optical control devices and optical fibers	09:00 ~ 11:45 11.1 Fundamental properties	13:15 ~ 16:45 11.3 Critical Current, Superconducting Power Applications	09:30 ~ 11:15 3.10 Optical quantum physics and technologies	13:15 ~ 18:00 3.10 Optical quantum physics and technologies		
	B407 (2-407)	60			09:00 ~ 12:00 11.2 Thin and thick superconducting films, coated conductors and film crystal growth	13:15 ~ 16:00 11.4 Analog applications and their related technologies	09:00 ~ 11:45 11.4 Analog applications and their related technologies			
	B408 (2-408)	80		13:30 ~ 16:00 1.5 Instrumentation, measurement and Metrology	09:00 ~ 11:15 11.5 Junction and circuit fabrication process, digital applications	13:15 ~ 17:45 11.1 Fundamental properties	09:00 ~ 11:45 11.5 Junction and circuit fabrication process, digital applications	13:15 ~ 18:15 3.1 Basic optics and frontier of optics		
	B409 (2-409)	100		13:15 ~ 17:15 1.1 Interdisciplinary and General Physics	09:00 ~ 11:45 3.12 Nanoscale optical science and near-field optics	13:15 ~ 18:15 3.12 Nanoscale optical science and near-field optics	09:00 ~ 11:45 3.8 Optical measurement, instrumentation, and sensor	13:15 ~ 17:30 3.8 Optical measurement, instrumentation, and sensor	09:00 ~ 12:10 T9 Disturbance of light propagating the fluctuating media: The way how to measure and overcome it	13:15 ~ 15:00 3.8 Optical measurement, instrumentation, and sensor
	B410 (2-410)	102	09:30 ~ 11:45 3.7 Laser processing	13:30 ~ 18:00 3.7 Laser processing	09:00 ~ 11:30 3.7 Laser processing	13:30 ~ 18:00 T5 Research progress on laser-induced periodic surface structure ~What has been revealed? How about the technology outlook?~	09:30 ~ 12:15 3.13 Semiconductor optical devices	13:30 ~ 17:30 T7 Fundamental and applications of spatial light modulation	09:00 ~ 12:15 3.1 Basic optics and frontier of optics	13:15 ~ 16:45 3.13 Semiconductor optical devices
	B414 (2-414)	162	09:00 ~ 11:45 3.9 Terahertz technologies	13:00 ~ 16:45 T4 New developments in computing technique based on optical neural network		13:30 ~ 17:30 T6 Applied physics for quantum computer developments	10:00 ~ 12:05 T8 Nano-Materials Science for MIR-THz photonics	13:30 ~ 17:05 T8 Nano-Materials Science for MIR-THz photonics	09:00 ~ 11:45 3.2 Equipment optics and materials	13:15 ~ 14:15 3.2 Equipment optics and materials
	B415 (2-415)	100	09:30 ~ 11:30 3.6 Ultrashort-pulse and high-intensity lasers	13:15 ~ 17:15 3.6 Ultrashort-pulse and high-intensity lasers	09:00 ~ 10:15 3.6 Ultrashort-pulse and high-intensity lasers	13:15 ~ 17:00 3.3 Information photonics and image engineering	09:30 ~ 12:00 3.11 Photonic structures and phenomena	13:30 ~ 17:50 3.11 Photonic structures and phenomena	09:30 ~ 12:00 CS.3 Code-sharing Session of 3.11 and 3.13	13:15 ~ 16:15 CS.2 Code-sharing Session of 3.11 and 3.12
	B508 (2-508)	101	09:00 ~ 12:00 3.5 Laser system and materials	13:15 ~ 16:30 3.5 Laser system and materials 16:45 ~ 17:30 CS.1 Code-sharing Session of 3.5 & 3.14	09:00 ~ 11:35 3.9 Terahertz technologies	13:15 ~ 19:00 3.9 Terahertz technologies	09:00 ~ 12:00 7.1 X-ray technologies	15:45 ~ 18:00 3.15 Silicon photonics and integrated photonics	09:30 ~ 11:45 3.15 Silicon photonics and integrated photonics	13:15 ~ 15:00 3.16 Optics and Photonics English Session 15:15 ~ 17:00 3.15 Silicon photonics and integrated photonics

Schedule by Room (III)

	Room	Cap.	Mar. 12 (Thu.)		Mar. 13 (Fri.)		Mar. 14 (Sat.)		Mar. 15 (Sun.)	
			AM	PM	AM	PM	AM	PM	AM	PM
D (#11 Bldg.)	D209 (11-209)	78		13:45 ~ 18:15 2.2 Detection systems	09:30 ~ 11:30 2.1 Radiation physics and Detector fundamentals	13:15 ~ 15:30 1.3 Novel technologies and interdisciplinary engineering	09:00 ~ 11:45 2.4 Accelerator Mass Spectrometry, Accelerator Beam Analysis	13:45 ~ 15:00 2.4 Accelerator Mass Spectrometry, Accelerator Beam Analysis	09:00 ~ 11:45 2.3 Application, radiation generators, new technology	
	D215 (11-215)	78	09:30 ~ 11:45 15.3 III-V-group epitaxial crystals, Fundamentals of epitaxy	14:00 ~ 17:30 15.3 III-V-group epitaxial crystals, Fundamentals of epitaxy	09:00 ~ 10:45 15.2 II-VI and related compounds	13:30 ~ 16:45 T11 New developments of surface properties and structural analysis by quantum beams	09:30 ~ 11:45 CS.5 Code-sharing Session of 7.4 & 9.5	13:45 ~ 15:45 CS.5 Code-sharing Session of 7.4 & 9.5	09:00 ~ 12:15 7.2 Applications and technologies of electron beams	13:45 ~ 16:45 7.3 Micro/Nano patterning and fabrication
	D221 (11-221)	78	09:00 ~ 11:45 9.4 Thermoelectric conversion	13:00 ~ 15:30 9.4 Thermoelectric conversion	09:00 ~ 12:15 6.4 Thin films and New materials	13:45 ~ 18:30 6.4 Thin films and New materials	09:00 ~ 12:15 6.2 Carbon-based thin films	13:45 ~ 18:15 6.2 Carbon-based thin films	10:30 ~ 12:00 6.2 Carbon-based thin films	
	D305 (11-305)	78		13:30 ~ 16:00 Tutorial 4	09:00 ~ 11:45 9.2 Nanoparticles, Nanowires and Nanosheets	13:45 ~ 18:15 9.2 Nanoparticles, Nanowires and Nanosheets	09:15 ~ 12:00 7.5 Ion beams	13:30 ~ 17:20 T15 Progresses and future on EUV and soft x-ray imaging techniques	09:00 ~ 11:30 6.6 Probe Microscopy	13:15 ~ 16:45 1.6 Ultrasonics
	D311 (11-311)	110	10:00 ~ 11:30 9.3 Nanoelectronics	13:30 ~ 16:00 9.3 Nanoelectronics	09:00 ~ 12:00 T14 Quantum-beam study of optical functions in transition-metal-compound thin films	13:45 ~ 16:15 T14 Quantum-beam study of optical functions in transition-metal-compound thin films	09:00 ~ 10:15 8.3 Plasma nanotechnology 10:30 ~ 12:00 8.6 Plasma Electronics English Session	13:30 ~ 15:30 1.6 Ultrasonics	09:00 ~ 12:15 6.3 Oxide electronics	13:45 ~ 15:45 6.3 Oxide electronics
	D411 (11-411)	114	09:00 ~ 11:30 Tutorial 1	13:45 ~ 17:30 6.3 Oxide electronics	09:00 ~ 11:30 Tutorial 2	13:45 ~ 18:15 6.3 Oxide electronics	10:00 ~ 12:00 6.5 Surface Physics, Vacuum	13:30 ~ 17:35 T21 Sensing technology realized by superconductor -Recent applications of SQUID-	09:00 ~ 12:00 15.7 Crystal characterization, impurities and crystal defects	13:45 ~ 15:00 15.7 Crystal characterization, impurities and crystal defects
	D419 (11-419)	114	09:00 ~ 12:15 21.1 Joint Session K "Wide bandgap oxide semiconductor materials and devices"	13:45 ~ 17:45 21.1 Joint Session K "Wide bandgap oxide semiconductor materials and devices"	09:00 ~ 12:15 21.1 Joint Session K "Wide bandgap oxide semiconductor materials and devices"	13:45 ~ 18:15 21.1 Joint Session K "Wide bandgap oxide semiconductor materials and devices"	09:00 ~ 12:15 6.1 Ferroelectric thin films	14:00 ~ 16:40 T2 Realization, Learning, Environment and Energy	09:00 ~ 12:15 6.1 Ferroelectric thin films	
	D511 (11-511)	114	09:30 ~ 12:15 13.6 Nanostructures, quantum phenomena, and nano quantum devices	13:45 ~ 17:15 CS.6 Code-sharing Session of 8.3 & 9.2 &13.6	09:00 ~ 12:15 9.4 Thermoelectric conversion	13:30 ~ 16:55 T19 Pitfalls in thermoelectric measurements	09:15 ~ 11:45 2.1 Radiation physics and Detector fundamentals	13:00 ~ 15:45 2.1 Radiation physics and Detector fundamentals	09:00 ~ 11:45 2.3 Application, radiation generators, new technology	
	D519 (11-519)	114	10:00 ~ 12:15 15.5 Group IV crystals and alloys	13:45 ~ 16:15 15.5 Group IV crystals and alloys	09:00 ~ 11:45 9.1 Dielectrics, ferroelectrics	13:45 ~ 17:00 6.6 Probe Microscopy	09:00 ~ 11:00 9.1 Dielectrics, ferroelectrics	13:30 ~ 16:00 6.5 Surface Physics, Vacuum		
PA (Gymnasium 2F)	PA1 ~ PA10	Poster Session	[09:30-11:30] 3.3 Information photonics and image engineering 17 Nanocarbon Technology	[13:30-15:30] 3.9 Terahertz technologies 7 Beam Technology and Nanofabrication 11 Superconductivity [16:00-18:00] 9.4 Thermoelectric conversion 12.4 Organic light-emitting devices and organic transistors 12.6 Nanobiotechnology 12.7 Biomedical Engineering and Biochips	[09:30-11:30] 1.3 Novel technologies and interdisciplinary engineering 6.1 Ferroelectric thin films 6.3 Oxide electronics 9.3 Nanoelectronics 13.6 Nanostructures, quantum phenomena, and nano quantum devices 15.6 Group IV Compound Semiconductors (SiC)	[13:30-15:30] 3.5 Laser system and materials 3.14 Optical control devices and optical fibers 12.5 Organic solar cells 13.1 Fundamental properties, surface and interface, and simulations of Si related materials 15.3 III-V-group epitaxial crystals, Fundamentals of epitaxy 15.5 Group IV crystals and alloys [16:00-18:00] 3.11 Photonic structures and phenomena 6.2 Carbon-based thin films 13.7 Compound and power electron devices and process technology 13.8 Optical properties and light-emitting devices	[09:30-11:30] 1.2 Education 9.2 Nanoparticles, Nanowires and Nanosheets 9.5 New functional materials and new phenomena 13.3 Insulator technology 13.9 Compound solar cells	[13:30-15:30] 10 Spintronics and Magnetics [16:00-18:00] 2 Ionizing Radiation	[09:30-11:30] 1.6 Ultrasonics 3.8 Optical measurement, instrumentation, and sensor 3.10 Optical quantum physics and technologies 3.12 Nanoscale optical science and near-field optics 21.1 Joint Session K "Wide bandgap oxide semiconductor materials and devices"	
PB (Gymnasium 1F)	PB1 ~ PB10	Poster Session	[09:30-11:30] 1.1 Interdisciplinary and General Physics 1.5 Instrumentation, measurement and Metrology 12.1 Fabrications and Structure Controls 13.5 Semiconductor devices/ Interconnect/ Integration technologies 16.2 Energy Harvesting		[09:30-11:30] 1.4 Energy conversion, storage, resources and environment 16.1 Fundamental properties, evaluation, process and devices in disordered materials 22.1 Joint Session M "Phonon Engineering" 23.1 Joint Session N "Informatics"	[16:00-18:00] 15.4 III-V-group nitride crystals	[09:30-11:30] 3.1 Basic optics and frontier of optics 3.4 Biomedical optics 3.6 Ultrashort-pulse and high-intensity lasers 3.7 Laser processing 6.6 Probe Microscopy 12.2 Characterization and Materials Physics	[13:30-15:30] 3.2 Equipment optics and materials 3.13 Semiconductor optical devices 3.15 Silicon photonics and integrated photonics 8 Plasma Electronics 9.1 Dielectrics, ferroelectrics [16:00-18:00] 6.5 Surface Physics, Vacuum 12.3 Functional Materials and Novel Devices 13.2 Exploratory Materials, Physical Properties, Devices 15.1 Bulk crystal growth 15.7 Crystal characterization, impurities and crystal defects	[09:30-11:30] 6.4 Thin films and New materials 8 Plasma Electronics 13.4 Si processing /Si based thin film / MEMS / Equipment technology 16.3 Bulk, thin-film and other silicon-based solar cells	