

# Schedule by Room (1)

| Room                         | Cap. | Sep. 16 (Mon.)                                       |  | Sep. 17 (Tue.)  |   | Sep. 18 (Wed.)   |  |   |
|------------------------------|------|--|--|---|---|--|--|---|
|                              |      | AM   | PM   | AM  | PM  | AM   | PM   |   |
| TOKI Messe Conference Bldg.  | A21  | 400  | 9:00 ~ 11:30<br>15.4 III-V-group nitride crystals  | 13:00 ~ 17:00<br>15.4 III-V-group nitride crystals  | 9:30 ~ 12:00<br>T16 Organic vs Inorganic Compound Materials, Thin-film Solar Cell Battle Royale | 13:30 ~ 17:15<br>T16 Organic vs Inorganic Compound Materials, Thin-film Solar Cell Battle Royale   | 9:00 ~ 12:00<br>23.1 Joint Session N "Informatics"   | 13:30 ~ 18:50<br>T29 (Open Symposium) The real thrill of production technologies: What can "Applied Physics" do at the manufacturing site?            |
|                              | A22  | 400  | 9:15 ~ 11:30<br>13.7 Compound and power devices, process technology and characterization   | 13:00 ~ 19:00<br>CS.13 Code-sharing Session of 13.7 & 15.4  | 9:00 ~ 12:15<br>KS.2 Quantum Information Engineering Group                                      | 13:30 ~ 16:45<br>T13 Recent trends in research activity related to light, magnetism, and spintronics                                     | 9:00 ~ 12:30<br>21.1 Joint Session K "Wide bandgap oxide semiconductor materials and devices"  | 13:45 ~ 19:30<br>21.1 Joint Session K "Wide bandgap oxide semiconductor materials and devices"  |
|                              | A23  | 115  |  | 13:30 ~ 16:45<br>T6 Single crystal thin films epitaxially grown on silicon substrates and their device applications       | 11:00~12:00<br>Award Ceremony   | 13:30 ~ 18:25<br>T26 Recent research progress in properties and applications of carbon nanotubes   | 9:00 ~ 12:30<br>13.5 Semiconductor devices/ Interconnect/ Integration technologies             | 13:30 ~ 19:30<br>T21 Fundamentals and Latest Technology Trends of Atomic Layer Process (ALP)  |
|                              | A24  | 115  |  | 13:30 ~ 16:30<br>NT1 (Open Symposium) A Future Opened by Cutting-edge Semiconductors - Expectations for Applied Physics - | 9:00 ~ 11:40<br>T17 Organic and ionic thermoelectric materials and devices                      | 13:30 ~ 16:25<br>T17 Organic and ionic thermoelectric materials and devices  | 9:00 ~ 11:30<br>13.2 Exploratory Materials, Physical Properties, Devices                       | 13:30 ~ 17:15<br>23.1 Joint Session N "Informatics"   |
|                              | A25  | 75   | 9:00 ~ 11:45<br>3.14 Silicon photonics and integrated photonics  | 13:30 ~ 18:00<br>3.14 Silicon photonics and integrated photonics  |   | 13:30 ~ 14:30<br>4.8 Optics Special Lecture<br>14:45 ~ 18:15<br>4.2 Photonics Devices, Photonic Integrated Circuit and Silicon Photonics | 9:00 ~ 12:00<br>3.6 Laser processing   | 13:30 ~ 17:45<br>3.6 Laser processing   |
|                              | A31  | 115  | 9:00 ~ 12:00<br>17.1 Carbon nanotubes & other nanocarbon materials   | 13:30 ~ 19:15<br>17.1 Carbon nanotubes & other nanocarbon materials   | 10:45 ~ 12:00<br>4.3 Laser sources and Laser applications                                       | 13:30 ~ 17:45<br>4.3 Laser sources and Laser applications  | 9:00 ~ 12:00<br>8.2 Plasma deposition of thin film, plasma etching and surface treatment       | 13:30 ~ 18:30<br>8.2 Plasma deposition of thin film, plasma etching and surface treatment   |
|                              | A32  | 115  |  | 13:30 ~ 17:15<br>3.1 Basic optics and frontier of optics  | 9:00 ~ 12:00<br>3.1 Basic optics and frontier of optics   | 13:30 ~ 17:00<br>3.1 Basic optics and frontier of optics   | 9:00 ~ 12:00<br>KS.2 Quantum Information Engineering Group                                     | 13:30 ~ 18:45<br>8.5 Plasma phenomena, emerging area of plasmas and their new applications<br>18:45 ~ 19:00<br>8.6 Plasma Electronics English Session |
|                              | A33  | 115  | 9:00 ~ 12:00<br>FS.1 Focused Session "AI Electronics"  | 13:30 ~ 18:00<br>FS.1 Focused Session "AI Electronics"  | 9:00 ~ 12:00<br>FS.1 Focused Session "AI Electronics"   | 13:30 ~ 17:00<br>FS.1 Focused Session "AI Electronics"   | 9:00 ~ 11:45<br>3.11 Nanoscale optical science and near-field optics                           | 13:00 ~ 18:30<br>3.11 Nanoscale optical science and near-field optics   |
|                              | A34  | 115  |  | 12:15~13:45<br>Tutorial (*open to everyone) "Trials towards diversity and inclusion"                                      | 9:00 ~ 12:00<br>4.1 Plasmonics and Nanophotonics  | 13:00 ~ 17:45<br>3.10 Photonic structures and phenomena  | 9:30 ~ 12:00<br>CS.5 Code-sharing Session of 3.10 & 3.12                                       | 13:30 ~ 18:00<br>3.10 Photonic structures and phenomena   |
|                              | A35  | 75   | 9:00 ~ 12:00<br>11.1 Fundamental properties  | 14:00~16:30<br>Tutorial (*paid session)   | 9:00 ~ 12:30<br>4.5 Nanocarbon and 2D Materials   | 13:30 ~ 16:45<br>T3 Recent developments in semiconductor radiation detectors   | 10:00 ~ 12:00<br>CS.6 Code-sharing Session of 4.5 & 17   | 13:30 ~ 16:15<br>3.13 Optical control devices and optical fibers  |
|                              | A36  | 45   | 9:30 ~ 12:15<br>T7 Advanced Technology on the Cyber-Physical System for the Society 5.0  | 13:30 ~ 17:35<br>T7 Advanced Technology on the Cyber-Physical System for the Society 5.0                                  |   |  | 9:00 ~ 10:30<br>3.13 Optical control devices and optical fibers                                | 13:30 ~ 18:15<br>T11 Application of Advanced Ion/Electron Microscopy for Future Nanoscale Materials and Devices                                       |
|                              | A37  | 75   |  | 13:30 ~ 17:00<br>CS.2 Code-sharing Session of 3.2 & 4.4   | 9:00 ~ 11:45<br>CS.2 Code-sharing Session of 3.2 & 4.4  | 13:30 ~ 15:00<br>CS.2 Code-sharing Session of 3.2 & 4.4<br>15:30 ~ 16:45<br>16.2 Energy Harvesting                                       | 9:00 ~ 12:00<br>17.2 Graphene  | 13:30 ~ 16:30<br>17.2 Graphene  |
| A41                          | 543  | 10:00 ~ 11:30<br>8.7 Plasma Electronics Invited Talk | 13:30 ~ 17:30<br>T18 (Open Symposium) The Frontline of Materials, Processes, and Packaging Technologies Collaborating with State-of-the-Art Logic Semiconductors | 10:00 ~ 11:20<br>NT2 (Open Symposium) Advanced power semiconductor striving in Japan                                      | 13:00 ~ 17:25<br>NT2 (Open Symposium) Advanced power semiconductor striving in Japan            | 9:00 ~ 12:00<br>12.5 Organic and hybrid solar cells  | 13:30 ~ 17:05<br>T20 The strategic direction of EV shift - Its current status and challenges - |   |
| TOKI Messe Exhibition Hall B | B1   | 95   | 9:00 ~ 12:00<br>13.4 Si processing /Si based thin film / MEMS / Equipment technology   | 13:00 ~ 17:00<br>13.4 Si processing /Si based thin film / MEMS / Equipment technology                                     | 9:00 ~ 11:00<br>13.4 Si processing /Si based thin film / MEMS / Equipment technology            | 13:00 ~ 16:00<br>13.2 Exploratory Materials, Physical Properties, Devices  | 9:00 ~ 11:30<br>13.8 Optical properties and light-emitting devices                             | 13:00 ~ 18:45<br>13.9 Compound solar cells  |
|                              | B2   | 95   |  | 13:00 ~ 17:15<br>13.6 Nanostructures, quantum phenomena, and nano quantum devices   | 9:00 ~ 11:30<br>15.7 Crystal characterization, impurities and crystal defects                   | 13:00 ~ 15:30<br>15.7 Crystal characterization, impurities and crystal defects   | 9:15 ~ 11:30<br>15.3 III-V-group epitaxial crystals, Fundamentals of epitaxy                   | 13:00 ~ 18:15<br>4.6 Terahertz Photonics  |
|                              | B3   | 95   |  |   | 9:30 ~ 11:30<br>6.1 Ferroelectric thin films  | 13:00 ~ 17:45<br>6.1 Ferroelectric thin films  | 10:30 ~ 12:00<br>6.1 Ferroelectric thin films  | 13:00 ~ 16:15<br>CS.7 Code-sharing Session of 6.1 & 13.3 & 13.5   |
|                              | B4   | 95   | 9:00 ~ 12:00<br>4.1 Plasmonics and Nanophotonics   | 13:00 ~ 17:00<br>4.1 Plasmonics and Nanophotonics   | 9:00 ~ 11:15<br>6.6 Probe Microscopy  | 13:00 ~ 18:30<br>CS.10 Code-sharing Session of 6.6 & 12.2  | 9:00 ~ 11:30<br>6.6 Probe Microscopy   |   |
|                              | B5   | 95   |  |   | 9:45 ~ 11:30<br>2.5 Radiation-induced phosphors   | 13:00 ~ 17:30<br>2.5 Radiation-induced phosphors   | 9:00 ~ 11:45<br>11.5 Junction and circuit fabrication process, digital applications            | 13:00 ~ 17:15<br>11.4 Analog applications and their related technologies  |
|                              | B6   | 95   |  | 13:00 ~ 19:30<br>12.2 Characterization and Materials Physics  | 9:00 ~ 11:30<br>12.4 Organic light-emitting devices and organic transistors                     | 13:00 ~ 17:30<br>12.4 Organic light-emitting devices and organic transistors   | 9:00 ~ 11:45<br>12.4 Organic light-emitting devices and organic transistors                    | 13:00 ~ 15:00<br>12.4 Organic light-emitting devices and organic transistors  |

# Schedule by Room (2)

| Room                         | Cap. | Sep. 19 (Thu.) |   | Sep. 20 (Fri.)   |  |  |
|------------------------------|------|----------------|---|--|--|--|
|                              |      | AM             | PM  | AM   | PM   |  |
| TOKI Messe Conference Bldg.  | A21  | 400            | 9:30 ~ 11:50<br>T28 Research paradigm shift by AI and robotics  | 13:30 ~ 17:05<br>T28 Research paradigm shift by AI and robotics  | 9:00 ~ 11:45<br>23.1 Joint Session N "Informatics"   | 13:30 ~ 16:30<br>23.1 Joint Session N "Informatics"  |
|                              | A22  | 400            | 9:15 ~ 11:45<br>NT3 (Open Symposium) Create the Future by Yourself! - New World Developed by Semiconductors           | 13:30 ~ 17:30<br>T2 Earth's limits? Crisis Avoidance with Plasma and Energy Systems in Planetary Boundaries                                      | 9:00 ~ 11:45<br>21.1 Joint Session K "Wide bandgap oxide semiconductor materials and devices"              | 13:00 ~ 16:30<br>21.1 Joint Session K "Wide bandgap oxide semiconductor materials and devices"       |
|                              | A23  | 115            | 9:00 ~ 11:55<br>T23 Advancements in Junction Technologies and Cutting-Edge Si-LSIs: Past, Present, and Future         | 13:30 ~ 16:25<br>T23 Advancements in Junction Technologies and Cutting-Edge Si-LSIs: Past, Present, and Future                                   | 9:30 ~ 11:50<br>T27 Vibronics: Energy transport science of vibrations in solid                             | 13:15 ~ 16:05<br>T27 Vibronics: Energy transport science of vibrations in solid                      |
|                              | A24  | 115            | 9:00 ~ 12:00<br>KS.1 Solid State Quantum Sensor Group   | 13:30 ~ 17:45<br>T10 Technological Advances and Future Prospects in Measurement of Organic and Biological Systems by Atomic Force Microscopy     | 9:00 ~ 11:30<br>15.4 III-V-group nitride crystals  | 13:30 ~ 17:00<br>NT4 (Open Symposium) Linking Future Visions to Gen Z: Creative Networking from JSAP |
|                              | A25  | 75             | 9:00 ~ 12:00<br>3.5 Ultrashort-pulse and high-intensity lasers  | 13:30 ~ 18:00<br>3.5 Ultrashort-pulse and high-intensity lasers  | 9:00 ~ 11:45<br>3.3 Biomedical optics  | 13:30 ~ 15:15<br>3.3 Biomedical optics   |
|                              | A31  | 115            | 9:00 ~ 12:00<br>17.3 Layered materials  | 13:30 ~ 18:15<br>17.3 Layered materials  | 9:00 ~ 12:00<br>17.3 Layered materials   | 13:15 ~ 17:00<br>17.3 Layered materials  |
|                              | A32  | 115            | 9:00 ~ 11:45<br>3.9 Optical quantum physics and technologies  | 13:30 ~ 18:15<br>3.9 Optical quantum physics and technologies  | 9:00 ~ 12:00<br>8.1 Plasma production and diagnostics  | 13:30 ~ 16:30<br>8.1 Plasma production and diagnostics   |
|                              | A33  | 115            | 9:00 ~ 12:00<br>CS.4 Code-sharing Session of 3.10 & 3.11  | 13:30 ~ 18:30<br>3.11 Nanoscale optical science and near-field optics  | 9:00 ~ 11:45<br>8.4 Plasma life sciences   | 13:30 ~ 17:00<br>8.4 Plasma life sciences  |
|                              | A34  | 115            | 9:15 ~ 11:30<br>12.1 Fabrications and Structure Controls  | 13:30 ~ 18:15<br>3.8 Terahertz technologies  | 9:00 ~ 12:00<br>3.8 Terahertz technologies   | 13:30 ~ 17:00<br>3.8 Terahertz technologies  |
|                              | A35  | 75             | 9:00 ~ 12:00<br>3.12 Semiconductor optical devices  | 13:30 ~ 17:35<br>T24 Crystallization and Applications of Thin Film Semiconductors  |  | 13:30 ~ 16:00<br>3.12 Semiconductor optical devices  |
|                              | A36  | 45             | 9:00 ~ 11:00<br>8.3 Plasma nanotechnology   | 13:30 ~ 17:00<br>T1 Human Resource Development and Education Initiatives in Science Education and its Revitalization -Hokuriku /Shinetsu Region- |  |  |
|                              | A37  | 75             | 9:15 ~ 12:00<br>3.7 Optical measurement, instrumentation, and sensor  | 13:30 ~ 17:45<br>3.7 Optical measurement, instrumentation, and sensor  | 9:00 ~ 10:30<br>CS.3 Code-sharing Session of 3.4 & 3.13<br>10:45 ~ 12:00<br>3.4 Laser system and materials | 13:30 ~ 17:00<br>3.4 Laser system and materials  |
|                              | A41  | 543            | 9:30 ~ 11:40<br>T9 Towards social applications of physical reservoir computing using new materials and new principles | 13:30 ~ 17:10<br>T9 Towards social applications of physical reservoir computing using new materials and new principles                           | 9:00 ~ 12:00<br>CS.8 Code-sharing Session of 6.2 & KS.1  | 13:30 ~ 15:45<br>KS.1 Solid State Quantum Sensor Group   |
| TOKI Messe Exhibition Hall B | B1   | 95             |   | 13:00 ~ 17:15<br>13.3 Insulator technology   |  |  |
|                              | B2   | 95             | 9:15 ~ 11:30<br>15.3 III-V-group epitaxial crystals, Fundamentals of epitaxy  | 13:00 ~ 16:45<br>3.6 Laser processing  |  |  |
|                              | B3   | 95             | 9:00 ~ 11:30<br>6.2 Carbon-based thin films   | 13:00 ~ 19:15<br>6.2 Carbon-based thin films   | 9:30 ~ 11:30<br>6.3 Oxide electronics  | 13:00 ~ 17:00<br>6.3 Oxide electronics   |
|                              | B4   | 95             |   |  |  |  |
|                              | B5   | 95             | 9:30 ~ 11:45<br>15.5 Group IV crystals and alloys   | 13:00 ~ 17:15<br>15.5 Group IV crystals and alloys   |  |  |
|                              | B6   | 95             | 9:00 ~ 11:30<br>12.3 Functional Materials and Novel Devices   | 13:00 ~ 18:15<br>12.3 Functional Materials and Novel Devices   | 9:00 ~ 11:30<br>12.3 Functional Materials and Novel Devices  | 13:00 ~ 15:30<br>12.3 Functional Materials and Novel Devices   |

# Schedule by Room (3)

| Room                         | Cap. | Sep. 16 (Mon.) |  | Sep. 17 (Tue.)  |  | Sep. 18 (Wed.)  |   |  |
|------------------------------|------|----------------|--|---|--|---|---|--|
|                              |      | AM             | PM   | AM  | PM   | AM  | PM  |  |
| Hotel Nikko Niigata          | C31  | 72             | 9:00 ~ 11:30<br>6.4 Thin films and New materials   | 13:00 ~ 18:00<br>6.4 Thin films and New materials   | 9:00 ~ 12:00<br>11.1 Fundamental properties  | 13:00 ~ 18:45<br>12.7 Biomedical Engineering and Biochips   | 9:00 ~ 11:30<br>12.7 Biomedical Engineering and Biochips  | 13:00 ~ 18:30<br>12.7 Biomedical Engineering and Biochips  |
|                              | C32  | 72             | 9:00 ~ 11:45<br>16.1 Fundamental properties, evaluation, process and devices in disordered materials | 13:15 ~ 16:45<br>16.1 Fundamental properties, evaluation, process and devices in disordered materials   | 9:00 ~ 11:30<br>3.14 Silicon photonics and integrated photonics  | 13:00 ~ 16:45<br>12.6 Nanobiotechnology   | 9:00 ~ 11:30<br>12.1 Fabrications and Structure Controls  | 13:00 ~ 16:30<br>12.6 Nanobiotechnology  |
|                              | C41  | 240            | 9:15 ~ 12:00<br>T14 New direction of perovskite solar cells  | 13:30 ~ 18:30<br>T14 New direction of perovskite solar cells  | 9:30 ~ 10:30<br>8.8 Plasma Electronics Division Award Speech<br>11:00 ~ 11:45<br>8.7 Plasma Electronics Invited Talk | 13:30 ~ 19:00<br>T12 Plasma direct bonding technology for next-generation semiconductor and new device manufacturing  | 9:00 ~ 10:45<br>15.6 Group IV Compound Semiconductors (SiC)   | 13:30 ~ 17:00<br>T22 Interdisciplinary Expansion of Interfacial Nano-Electrochemistry -From Advanced Semiconductors to Biosciences-  |
|                              | C42  | 285            | 10:00 ~ 11:50<br>T15 Frontier of flexible and stretchable electronics                                | 13:30 ~ 18:25<br>T15 Frontier of flexible and stretchable electronics   | 9:00 ~ 11:30<br>15.4 III-V-group nitride crystals  | 13:30 ~ 18:30<br>T25 Emergence of Novel Functions in Nitride and III/V Group Compound Semiconductor Nanostructures  | 9:00 ~ 12:30<br>15.4 III-V-group nitride crystals   | 13:30 ~ 17:15<br>T8 2D materials and their integrated circuit and electronic device applications   |
|                              | C43  | 64             | 9:00 ~ 12:00<br>7.1 X-ray technologies   | 13:00 ~ 16:15<br>1.5 Instrumentation, measurement and Metrology   | 9:30 ~ 11:45<br>1.3 Novel technologies and interdisciplinary engineering   | 13:00 ~ 17:30<br>1.6 Ultrasonics  | 9:00 ~ 11:30<br>1.1 Interdisciplinary and General Physics   | 13:00 ~ 17:45<br>1.4 Energy conversion, storage, resources and environment   |
|                              | C301 | 80             |  | 13:00 ~ 18:30<br>9.2 Nanoparticles, Nanowires and Nanosheets  | 9:00 ~ 11:30<br>6.4 Thin films and New materials   | 13:30 ~ 16:45<br>9.4 Thermoelectric conversion  | 9:00 ~ 11:30<br>CS.11 Code-sharing Session of 9.4 & M   | 13:00 ~ 16:15<br>9.1 Dielectrics, ferroelectrics   |
|                              | C302 | 180            |  | 13:00 ~ 18:15<br>13.5 Semiconductor devices/ Interconnect/ Integration technologies   | 9:00 ~ 12:00<br>13.8 Optical properties and light-emitting devices   | 13:30 ~ 17:30<br>T19 Materials for Green & Sustainable Semiconductor Manufacturing  | 10:00 ~ 11:35<br>T4 Crossover between Photonic Computing and AI: From New Trends to Applications  | 13:00 ~ 17:20<br>T4 Crossover between Photonic Computing and AI: From New Trends to Applications   |
| Bandai-jinma Bldg.           | D61  | 95             | 9:00 ~ 11:15<br>10.2 Fundamental and exploratory device technologies for spin                        | 13:00 ~ 16:45<br>10.2 Fundamental and exploratory device technologies for spin  | 9:00 ~ 11:30<br>10.3 Spin devices, magnetic memories and storages  | 13:30 ~ 17:15<br>6.3 Oxide electronics  |   | 13:00 ~ 18:45<br>10.4 Spintronics in semiconductor, topological material, superconductor, and multiferroics  |
|                              | D62  | 75             | 10:00 ~ 11:30<br>2.5 Radiation-induced phosphors   | 13:00 ~ 17:45<br>2.5 Radiation-induced phosphors  | 10:00 ~ 11:45<br>2.4 Medical application   | 13:30 ~ 16:00<br>7.3 Micro/Nano patterning and fabrication  | 10:00 ~ 11:45<br>2.4 Medical application  | 13:30 ~ 18:15<br>CS.1 Code-sharing Session of 2.3 & 7.4  |
|                              | D63  | 49             |  | 13:00 ~ 17:45<br>CS.9 Code-sharing Session of 6.5 & 7.5   | 10:00 ~ 11:30<br>7.2 Applications and technologies of electron beams   | 13:00 ~ 17:15<br>7.2 Applications and technologies of electron beams  |   | 13:00 ~ 18:00<br>12.1 Fabrications and Structure Controls  |
| TOKI Messe Exhibition Hall A | P    |                |  | [13:30-15:30]<br>7 Beam Technology and Nanofabrication<br>8.2 Plasma deposition of thin film, plasma etching and surface treatment<br>8.5 Plasma phenomena, emerging area of plasmas and their new applications<br>8.6 Plasma Electronics English Session<br>12.1 Fabrications and Structure Controls<br>13.2 Exploratory Materials, Physical Properties, Devices | [09:30-11:30]<br>17 Nanocarbon and Two-Dimensional Materials   |   | [09:30-11:30]<br>3.1 Basic optics and frontier of optics<br>3.5 Ultrashort-pulse and high-intensity lasers<br>3.9 Optical quantum physics and technologies<br>3.12 Semiconductor optical devices<br>12.3 Functional Materials and Novel Devices | [13:30-15:30]<br>2 Ionizing Radiation<br>6.3 Oxide electronics<br>6.6 Probe Microscopy<br>12.2 Characterization and Materials Physics<br>22 Joint Session M "Phonon Engineering"<br>FS Focused Session "AI Electronics"  |
|                              |      |                |  | [16:00-18:00]<br>1 Interdisciplinary Physics and Related Areas of Science and Technology<br>KS Sessions organized by JSAP's Professional Group  |  | [16:00-18:00]<br>13.4 Si processing /Si based thin film / MEMS / Equipment technology<br>13.5 Semiconductor devices/ Interconnect/ Integration technologies<br>13.8 Optical properties and light-emitting devices | [16:00-18:00]<br>13.7 Compound and power devices, process technology and characterization<br>15.4 III-V-group nitride crystals  | [16:00-18:00]<br>6.1 Ferroelectric thin films<br>12.4 Organic light-emitting devices and organic transistors<br>12.5 Organic and hybrid solar cells<br>15.5 Group IV crystals and alloys<br>15.6 Group IV Compound Semiconductors (SiC)<br>15.7 Crystal characterization, impurities and crystal defects |

# Schedule by Room (4)

| Room                         | Cap. | Sep. 19 (Thu.) |  | Sep. 20 (Fri.)   |   |  |
|------------------------------|------|----------------|--|--|---|--|
|                              |      | AM             | PM   | AM   | PM  |  |
| Hotel Niikko Niigata         | C31  | 72             | 9:00 ~ 10:30<br>11.1 Fundamental properties<br>10:30 ~ 12:00<br>11.3 Critical Current, Superconducting Power Applications  | 13:30 ~ 16:15<br>11.2 Thin and thick superconducting films, coated conductors and film crystal growth  |   | 13:00 ~ 14:30<br>3.7 Optical measurement, instrumentation, and sensor  |
|                              | C32  | 72             | 9:00 ~ 11:30<br>CS.12 Code-sharing Session of 12.6 & 12.7  | 13:00 ~ 16:15<br>3.3 Biomedical optics   | 9:00 ~ 11:30<br>16.3 Bulk, thin-film and other silicon-based solar cells  | 13:00 ~ 16:00<br>16.3 Bulk, thin-film and other silicon-based solar cells  |
|                              | C41  | 240            | 9:00 ~ 11:45<br>13.7 Compound and power devices, process technology and characterization   | 13:00 ~ 19:30<br>13.7 Compound and power devices, process technology and characterization  |   |  |
|                              | C42  | 285            | 9:00 ~ 11:30<br>15.4 III-V-group nitride crystals  | 13:00 ~ 17:15<br>15.4 III-V-group nitride crystals   | 9:00 ~ 12:15<br>T5 Space photonics for the new space age  | 13:30 ~ 15:00<br>15.4 III-V-group nitride crystals   |
|                              | C43  | 64             | 9:00 ~ 10:15<br>1.2 Education  | 13:00 ~ 18:00<br>4.7 Quantum Optics, Nonlinear Optics and Structured Optics  | 10:00 ~ 11:30<br>4.7 Quantum Optics, Nonlinear Optics and Structured Optics   | 13:00 ~ 16:00<br>13.1 Fundamental properties, surface and interface, and simulations of Si related materials                     |
|                              | C301 | 80             | 9:00 ~ 11:00<br>10.5 Application of magnetic field   | 13:30 ~ 17:15<br>9.5 New functional materials and new phenomena  | 9:00 ~ 11:30<br>3.5 Ultrashort-pulse and high-intensity lasers  | 13:00 ~ 16:30<br>3.5 Ultrashort-pulse and high-intensity lasers  |
|                              | C302 | 180            | 9:00 ~ 12:00<br>12.5 Organic and hybrid solar cells  | 13:00 ~ 17:00<br>12.5 Organic and hybrid solar cells   | 9:00 ~ 12:00<br>12.5 Organic and hybrid solar cells   | 13:00 ~ 16:00<br>12.5 Organic and hybrid solar cells   |
| Bandai-jima Bldg.            | D61  | 95             | 9:00 ~ 12:00<br>2.1 Detection Devices  | 13:00 ~ 18:00<br>2.1 Detection Devices   | 9:00 ~ 11:30<br>10.1 Emerging materials in spintronics and magnetics (including fabrication and characterization methodologies)   | 13:00 ~ 17:00<br>10.1 Emerging materials in spintronics and magnetics (including fabrication and characterization methodologies) |
|                              | D62  | 75             | 9:00 ~ 11:30<br>22.1 Joint Session M "Phonon Engineering"  | 13:00 ~ 18:00<br>22.1 Joint Session M "Phonon Engineering"   | 9:00 ~ 12:00<br>2.2 Radiation physics fundamentals & applications, radiation generators, new technology   | 13:00 ~ 16:45<br>15.1 Bulk crystal growth  |
|                              | D63  | 49             | 9:00 ~ 11:30<br>9.3 Nanoelectronics  | 13:00 ~ 15:15<br>9.3 Nanoelectronics   |   |  |
| TOKI Messe Exhibition Hall A | P    |                | [09:30-11:30]<br>3.2 Information photonics and image engineering<br>3.3 Biomedical optics<br>3.4 Laser system and materials<br>3.6 Laser processing<br>3.8 Terahertz technologies<br>3.13 Optical control devices and optical fibers<br>3.14 Silicon photonics and integrated photonics<br>4 JSAP-Optica Joint Symposia 2024 | [13:30-15:30]<br>3.10 Photonic structures and phenomena<br>8.1 Plasma production and diagnostics<br>8.3 Plasma nanotechnology<br>8.4 Plasma life sciences<br>21 Joint Session K "Wide bandgap oxide semiconductor materials and devices" | [09:30-11:30]<br>3.7 Optical measurement, instrumentation, and sensor<br>3.11 Nanoscale optical science and near-field optics<br>12.6 Nanobiotechnology<br>12.7 Biomedical Engineering and Biochips<br>13.1 Fundamental properties, surface and interface, and simulations of Si related materials<br>13.3 Insulator technology<br>15.1 Bulk crystal growth | [13:30-15:30]<br>6.2 Carbon-based thin films<br>9 Applied Materials Science  |
|                              |      |                | [16:00-18:00]<br>10 Spintronics and Magnetics<br>13.9 Compound solar cells<br>15.2 II-VI and related compounds<br>15.3 III-V-group epitaxial crystals, Fundamentals of epitaxy<br>16 Amorphous and Microcrystalline Materials  |  |   |  |