| iviceting . | 2010 30. | ession Schedule | | | | | | | | | | | | | | as of December dule is subject to |
|------------------------------|--|--|------------------------------|--|--|----------------------------------|--|---|----------------------------|---|--|--------------------------------------|--|---|------------------------------------|--------------------------------------|
| Room Capaci | ity | May 20 (SUN) | PMR | AM1 AM2 | May 21 (MON) | PMR | AM1 AM7 | May 22 (TUE) | PMR | AM1 AM2 | May 23 (WED) | PM3 | 4M1 AM2 | May 24 (THU) | PM7 | DM2 |
| 101 140 Daytime Poster Core | B-PT06 [JJ] Biotio | B-PT04 [EE] Biomineralization and the Geoche Proxies B-PT04 B-PT06 | B-PT04 B-PT06 | B-BG02 [33] Interrelation between Life, Water, Mir and Atmosphere B-CG07 | B-CG07 [EE] Earth and Planetary Science eral, Frontiers for Life and Global Environment B-BG02 | B-BG02 B-CG07 | | B-CG09 [JJ] Decoding the history of Earth: From Hadean to the present B-A001 | B-AO01 B-CG09 | M-IS14 [33] Biogeochemistry | M-IS20 M-IS14 [33] Evolution of the Pelagic Realm M-IS14 | M-IS14 M-IS20 | B-PT05 [E3] Evolution of Chemosynthetic Ecosystem in Earth History H-TT19 | H-TT19 [JJ] New Developments in Shall B-PT05 | | -TT19 -PT05 |
| 102 140 | | [J]] Natural H-CS22 G-05 [J]] Geoscience education from eleme Sustainability H-GG01, G-05 H-CG22 | H-GG01 H-CG22 G-05 | B-CG10 H-CG25 [JJ] Phanerozoic [EE] Deltas and estuaries B-CG10 | H-CG23 [EE] Turbidity current: triggers to deposits H-CG25 | H-CG23 H-CG25 B-CG10 | M-IS11 [J] tsunami deposit | H-TT14 [EE] Non- | H-TT14 M-IS11 | H-GM03 [33] Geomorphology | H-GM02 [EE] Geomorphology | H-GM02 H-GM03 | H-TT17 [JI] Geographic Information Systems and Cartography H-TT15 | H-TT15 [EE] Geographic Information Sy Cartography H-TT17 | H-1 | -TT15 -TT17 |
| 103 166 | |] Geoscience education in future high 'Integrated Geography" and "Basic [JJ] Future Earth-GRPs integration for | U-07 | M-IS12 [33] Geopark | U-04 [EE] Employment and work-life-balance M-IS12 | M-IS12 | H-TT18 [JI] Development and applications of environment methods | | H-TT18 | M-GI29 U-01 | M-GI23 [EE] Open Science | M-GI23 M-GI29 | U-03 [EE] Cryoseismology - a new proxy for detecting surface environmental variations of the Earth - | U-02 [EE] Pacific-type orogeny: From mantle | U-l | -02 -03 |
| 104 166 | G-04 [33] Geos | G-03 [J1] Disassinace Outreach prevention edu | | A-GE30 [EE] Energy-Environment-Water Nexus at Sustainable Development | A-GE31 [EE] Subsurface Mass Transport, and Material Cycle, and Environmental Assessmen | A-GE30 A-GE31 | A-OS18 [JJ] Physical Oceanography (General) | A-OS14 A-OS13 [EJ] Ocean [EJ] Freshwater discharge from land to the ocean Sciences in the Indian Ocean | A-OS13 A-OS14 A-OS18 | A-CG36 [EE] Satellite Earth Environment Observation | | | A-HW22 [EE] Hydrological Cycle and Water Environment | mass cycle and Wat | drological Cycle er Environment | -HW22 -HW23 |
| Daytime Poster Core 105 166 | | [JI] Dynamics of oceanic and M-IS15 [JI] Geophysical fluid dynamics-Transfl approach to geoscience | A-OS15 eld M-IS15 | A-GE31 A-OS11 [EE] What we have learned about ocean r | observations by GNSS-R | A-OS11 A-TT32 | A-OS19 [33] chemical and biological oceanography | A-OS13 A-OS14, A-OS18 A-HW24 [JJ] Hydrological change after the 2016 Kumamoto earthquake | A-OS19 A-HW24 | A-OS09 [EE] Marine ecosystems and biogeochemical cyobservation and modeling | Tsunami Forecast | A-OS09 H-DS10 | H-DS10 [33] Tsunami and Tsunami Forecast | A-HW22 A-HW2 | 3 | |
| Daytime Poster Core 106 96 | A-CG37 [and wate GEWEX R | **** | | A-HW20 [EE] Materials transport and nutricycles in watersheds; Human and climate impacts | [JJ] Ocean circulation and material cycle in coastal seas | A-OS17 A-HW20 | A-HW24 A-OS12 [EE] Continental-Oceanic Mutual Interaction: Planetary scale Material Circulation | A-OS19 A-CG41 [33] Biogeochemical linkages between the ocean and the atmosphere during phytoplankton blooms | A-0512 A-CG41 | A-CC28 [3] Glaciology | Areas | A-HW26 A-CC28 | A-CG40 [37] Material Circulations in Land Ecosystems | radioacti | oosal of high-level H-live waste | -CG40 -CG29 |
| IC 456 | | A-CG37 Advances in O-02 [Ji] Presentations by high school students [Ji] Presentations by high sciences and society by Geoparks -Resissues in the past decadesissues in the past decade- | | P-PS08 [33] Planetary Sciences | A-HW20 | | A-CG41 U-05 [11] Future of Scientific Publishing in Geosciences | A-OS12 S-IT22 [EE] Interaction and Coevolution of the Core and Mantle in the Earth and Planets | U-05 S-IT22 | A-HW26 S-IT22 [EE] Interaction and Coevolution of the Core an | A-CC28 d Mantle in the Earth and Planets | | S-IT22 [EE] Interaction and Coevolution of the Core an | H-CG29 A-CG40 d Mantle in the Earth and Planets | | |
| CH-A 352 | P-CG23 [33] Plane | O-06 O-02 P-PS08 [JI] Planetary | P-PS08 P-CG23 | U-08 [JJ] Developing the Future Plan and Map for Earth and Planetary Science Rese | Road S-VC41 [33] Active Volcanism | U-08 | S-VC41 [JJ] Active Volcanism | U-05 | | S-VC41 [33] Active Volcanism | U-06 [JJ] How JpGU will manage environment and disaster? | U-06 S-VC41 | A-CG36 [EE] Satellite Earth Environment Observation A-CG33 [EE] Harnessing Satellite Big Data | A-CG36 [EE] Satellite Earth Environmen | at Observation A-G | -CG33 -CG36 |
| CH-B 352 | O-05 [JJ] Kitch Science | P-PS08 P-CG23 S-SS09 [E1] Crustal Deformation | 0-05 | S-SS09 [E3] Crustal Deformation | B-CG09 [31] Decoding the history of Earth: From Hadean to the present | S-SS09 | M-IS08 [EJ] Drilling Earth Science | S-CG53 [EE] Science of slow earthquakes | S-CG53 M-IS08 | U-06 S-CG53 [EE] Science of slow earthquakes | S-VC41 | | A-CG36 S-CG53 [EE] Science of slow earthquakes | A-CG33 | | |
| 201A 124 | from a br | O-05 [EI] Mars and Mars system: results road spectrum of Mars studies and for future missions O-07 [JI] Collaboration and Co-creation betw Geoscience and Art. | O-07 P-PS07 | M-GI26 [33] Earth and planetary informatics with lidata management | S-SS09 M-IS01 [EE] Evolution and variability of Asiar uge Monsoon and its linkage with Cenozoic global cooling | M-IS01 M-GI26 | | S-CG53 M-IS08 M-IS19 A-CC29 [JI] Atmospheric electricity modeling | A-CC29 M-IS19 | A-AS03 [EE] Advances in Tropical Cyclone Research: Pa | A-AS05 [EE] Precipitation Extreme | A-AS03 A-AS05 | A-CG38 [E3] Science in the Arctic Region | | B A-G ience in the M- Region | -CG38 -IS21 |
| Daytime Poster Core 201B 119 | | O-07 P-PS07 EE] Mineral-melt-fluid interaction and S-MP34 Jable speciation in Earth and planetary [EE] Oceanic and Continental Subducti Processes | S-IT19 S-MP34 | A-CG39[E3] Multi-scale ocean-atmosphere interaction in the tropical Indo-Pacific regi | | A-CG34 A-CG39 | H-DS07 | A-CC29 M-IS19 H-DS11 [33] Geohazards in humid, tectonically active countries and their precursors | H-DS07 H-DS11 | H-SC05 [33] CCUS (Carbon Dioxide Capture, Utilization, and Storage) for Climate Mitigation | A-AS05 A-AS03 H-DS12 A-OS16 [J1] Human environment and disaster risk [J1] coastal area warming and acidification | A-OS16 H-SC05 H-DS12 | A-CG42 [3] Coastal Ecosystems - 1. Water Cycle and Land-Ocean Interactions | A-CG38 M-IS21 A-CG43 [JJ] Coastal Ecosystems reefs, seagrass and macroalgal mangroves | s - 2. Coral A-G | -CG42 -CG43 |
| Daytime Poster Core 202 52 | | S-MP34 S-IT19 H-G30 M-SD34 [JI] S science Studies: historical, [JI] Closed bio-foods and Spahical and STS studies ecosystems Agriculture | | A-CG34 S-TT49 [E1] Airborne surveys and monitoring G-02 [EE] Communicating Hazard and Risk | G-01 M-IS02 [EE] Geoethics (EE) Conservation of geo-heritage | S-TT49 G-01 G-02 M-IS02 | H-CG26 EI] Research for FDNP Earth Geochem, Cosmochem | H-DS07 H-DS09 [E1] Submarine landslides | H-DS09 H-CG26 S-GC46 | H-DS08 [EE] Natural hazard [mpacts on technosphere Physical Processes Monitoring | A-OS16, H-SC05 H-DS12 A-CC27 [EE] Remote Sensing of Snow S-TS1 [13] Frontier science on solid Earth with HPC | A-CC27 H-DS08 S-TT51 M-IS05 | A-CG43 | A-CG42 | 2 | |
| Daytime Poster Core 301A 88 | S-IT23 [EE] New East Asia | | | H-DS06 [EE] Remote sensing for Disasters [E] Environment Remote Sensing | | H-DS06 H-TT16 M-TT36 | H-CG26 A-CG35 [EE] Global Carbon Cycle Observation and Analysis | H-DS09, S-GC46 M-GI27 [31] Data-driven geosciences | A-CG35 | M-GI27 [JI] Data-driven geosciences | S-TT51 A-CC27, M-IS05 M-AG32 [E1] Marine Earth Informatics | M-GI27 M-AG32 | S-SS11 [17] Crustal Structure | technol | FBT's IMS M- logies | -SS11 -AG31 |
| 301B 122 | A-OS10 [EE] Atlai | S-IT23, S-CG56 S-IT21 A-OS08 [EE] Seasonal-to-decadal climate varial and predictability | A-OS08 A-OS10 | M-TT36 A-CG45 [33] Adaptation for climate change and so implementation | cloud and precipitation processes | A-CG45 | A-AS04 [EE] Towards integrated understandings of cloud and precipitation processes | systems | A-AS02 A-AS04 | M-AG32 A-HW25 [JI] Isotope Hydrology 2018 | M-GI27 M-GI24 [31] Building Disasters resilient societies through sustainable marine and coastal Governance. | A-HW25 M-GI24 | H-CG27 [33] Nuclear Energy and Geoscience | M-AG31 S-SS11 P-EM14 [EE] Recent Advances i Observation and Modeling for M Forecast | in Ionosphere P-E | -EM14 -CG27 |
| 302 154 | | A-OS08 A-OS10 A-AS01 [EE] High performance compunent generation weather, dimate, and environmental sciences | | M-IS06 [EJ] Southern Ocean and Antarctic Ice she | System Exploration Antarctic Ice sheet | P-PS01 M-IS06 | Supercontinent Evolution | A-AS04 S-IT28 [EE] The lithosphere and the asthenosphere | S-IT28 S-MP35 | M-GI24 S-CGS8 [E3] Investigation of inputs to subduction zones: Influence of tectonic processes on the incoming plate | A-HW25 S-CG61 [31] Ocean Floor Geoscience | S-CG58 | P-EM14 S-CG61 [3] Ocean Floor Geoscience | H-CG27 S-CG67 [J] Ocean area observa crustal activity under the seafloo future | ation to detect S-0 | -CG61 -CG67 |
| 303 154 | P-EM15 [EE] Dyn | A-AS01 M-GI22 hamics in magnetosphere and ionosphere | | P-EM15 [EE] Dynamics in magnetosphere and ionosphere | M-IS06 P-PS01 P-EM16 [EE] Dynamics of Earth's Inner Magnetosphere and Initial Results from Arase | P-EM15 | P-EM16 [EE] Dynamics of Earth's Inner Magnetosphere a Arase | S-MP35 H-RE13 and Initial Results from [J] Renewable Energy | H-RE13 P-EM16 | P-EM12 [EE] Space Weather | S-CG58 | | S-CG67 P-EM12 [EE] Space Weather [EE] Recurrent storms | | | -EM11 -EM12 |
| | P-EM13 [EE] Stud | O-04 O) Mental can Researchers P-EM13 | P-EM13 | P-PS01 [EE]Outer Solar System Exploration | P-EM15 P-EM10 [EE] Coupling Processes in the Atmosphere- Ionosphere System | | P-EM10 | H-RE13 P-EM16 P-EM18 [JI] Physics and Chemistry in the Atmosphere and Ionosphere | P-EM10 P-EM18 | P-EM17 [JI] Space Plasma Physics: Theory and Simulation S-GL30 | S-GL30 [JI] Geochronology and Isotope Geology | P-EM17 S-GL30 | P-EM12 P-AE20 [JI] Exoplanet P-EM19 | P-EM11 P-EM19 [J3] Heliosphere and Interplanet P-AE20 | | -EM19 -AE20 |
| A01 126 | M-IS04 [EE] Thu climate | M-GI30 [JJ] social med | M-IS04 M-GI30 | S-SS06 [EE] How to further develop the Collaboratory for the Study of Earthquake Predictability? | P-CG21 [EE] Future missions and instrumentation for space and planetary science S-SS06 | P-CG21 S-SS06 | P-PS04 [EE] Results from Akatsuki and advances in Venu | P-PS05 | P-PS04 | P-PS05 [EJ] Lunar science and exploration | P-PS06 [E3] Planetary materials in the Solar System | | P-PS06 [E3] Planetary materials in the Solar System | FAEZU | | |
| A02 126 | | A-HW21 | A-HW21 M-AG33 Ilutions | H-CG20 [EE] International Comparison of Landsca Appreciation | H-CG21 [EE] Climate-human system interaction | H-CG20 H-CG21 | P-PS02 [EE] Regolith Science | M-IS18 [33] Aqua planetology | P-PS02 M-IS18 | P-CG22 [33] New Developments of Planetary Sciences with ALMA | P-PS03 [EE] Small Bodies in the Solar System: Current Understanding and Future Prospects | P-PS03 P-CG22 | P-PS03 [EE] Small Bodies in the Solar System: Current | Understanding and Future Prosp | ects | |
| A03 126 | M-TT37 [JJ] Front | M-TT35 M-TT35 M-TT35 | M-TT35 AND M-TT37 | S-EM17 [33] Geomagnetism, Paleomagnetism and | interactions | S-EM17 S-CG55 | S-CG52 [EE] Intraslab and intraplate earthquakes | M-IS18 P-PS02 P-PS09 [31] Origin and evolution of materials in space S-CG52 | P-P509 S-CG52 | P-PS03 M-GI28 [33] Computational Planets | P-CG22 M-IS07 [E1] Growth and dissolution of crystal triggered seismicity S-SS03 M-IS07, M-GI28 | S-SS03 M-IS07 M-GI28 | S-SS12 [33] Seismicity | | phenomena | -SS12 -GL29 |
| A04 126 Daytime Poster Core | | [EJ] Earth surface processes related to M-QR04 H-QR04 and rerosion and sediment transport H-QR04 H-QR04 H-QR04 H-CR04 | H-QR04 H-CG24 | S-MP37 [EJ] Deformed rocks, Metamorphic rocks a | S-SS07 | S-S507 S-MP37 | S-SS04 [EE] Nankai Trough Seismogenic Zone Experime challenge | | S-SS04 | S-CG60 [33] Petrology, Mineralogy and Resource Geolog | S-CG62 | S-CG60 S-CG62 | S-MP38 [3] Physics and Chemistry of Minerals S-VC40 | 5-VC40 [JJ] Mitigation of Volcanic disast applied research 5-MP38 | S-I | MP38 VC40 |
| A05 126 Daytime Poster Core | | EE] Stress geomechanics integrations: S-ITZ0 [EE] Stress geomechanics integrations: S-ITZ0 [EE] Structure and Dynamics of Earth - Renearry Mantles S-ITZ6 S-ITZ6 | S-IT26 | S-IT20 [EE] Structure and Dynamics of Earth and Planetary Mantles S-GC45 | S-GC45 | S-IT20 S-GC45 | systems and earthquake cycles | S-SU4 S-CG57 [EI] Dynamics in mobile belts S-CG59 | S-CG59 | S-CG57 [EJ] Dynamics in mobile belts | A-AS06 A-AS06 E3] Atmospheric Chemistry A-AS06 S-CG57 | A-AS06 S-CG57 | A-AS06 [EJ] Atmospheric Chemistry | | | |
| A07 126 | S-CG63 [JJ] Rheo | S-SS15 [31] Fa Shelogy and friction in Earth and planetary sciences S-SS15 [31] Fa Rheology and Earthquake Ph S-CG83 | | S-SS15 [JJ] Fault Rheology and Earthquake Physic | S-SS08 [EJ] Active | 5-5515 | S-SS08 [E3] Active faults and paleoseismology | S-SS05 [EE] Effective usage of PSHA S-SS05 S-SS08 | S-SS05 S-SS08 | A-AS07 [JI] Stratosphere-troposphere Processes And th | M-IS10 | A-AS07 M-IS10 | M-IS10 [33] Paleoclimatology and paleoceanography | <u> </u> | | |
| A08 126 Daytime Poster Core | S-GL31 [JJ] Regio | M-TT38 | S-GL31 M-TT38 | M-IS13 [J1] Integrated Geoscience Observations M-IS16 [J1] Eruption clou cumulonimbus S-TT48, M-IS13 | S-TT48 | S-TT48 M-IS13 M-IS16 | M-GI25 [JJ] Environmental changes in mountainous area | A-CG44 | A-CG44 M-GI25 | M-IS10 [JJ] Paleoclimatology and paleoceanography | S-VC42 [JI] Hydrothermal systems of volcanoes | S-VC42 | S-VC44 [1] Magmatism and volcanic dynamics on subduction zone | S-VC39 [EE] Pre-eruptive magmatic pro | | -VC39 -VC44 |
| A09 126 | S-VC43 [JJ] Volcz | anoes, igneous activities, forecast | S-VC43 | S-VC43 [J] Volcanoes, S-MP36 igneous activities, [EE] Crust-Mantle forecast Connections | S-CG54 [EE] Hard-Rock Drilling: Oman to | S-MP36 S-CG54 | S-IT24 | M-ZZ39 [EE] Environmental, socio-economic and climatic changes in Northern Eurasia | S-IT24 M-ZZ39 | S-GD01 [E3] Gravity and Geoid S-GD02 | S-GD02 [E1] Geodesy General Contributions & GGOS S-GD01 | S-GD01 S-GD02 | M-IS03 [EE] Interdisciplinary studies on pre- earthquake processes 5-SS13 | S-SS13 [JJ] Earthquake prediction and f | | -SS13 I-IS03 |
| A10 126 Daytime Poster Core | | 1 1 1 | | S-SS14 [33] Strong Ground Motion and Disaster | | | S-SS14 S-CG66 | M-IS09 [3D geologic modeling [13] Seismo- Electromagnetics M-IS09 S-CG66 | S-SS14 S-CG66 M-IS09 | S-CG65 [33] Reducing risks from earthquakes, tsunamis applications of realtime geophysical data | S-TT50 | S-TT50 S-CG65 | S-SS10 [E3] Seismic wave propagation: Theory and App | S-GL32 | 1 Boundary S-0 | -SS10 -GL32 |
| A11 126 Daytime Poster Core | | | | S-CG64 [33] Brittle-Ductile Transition and Supercritical Geoffuids for Crustal Energy Island Arc | | S-IT18 S-CG64 | S-IT27 S-IT25 | M-IS17 [Ji] Gas hydrates in environmental-resource sciences S-IT25 | S-IT25 S-IT27 M-IS17 | M-ZZ41 [Ji] Marine manganese deposits: from basic to applied sciences | S-RD33 | S-RD33 M-ZZ41 | S-TT47 [EE] Recent Advances in Exploration Geophysics (RAEG2018) S-EM16 | S-EM16 [JJ] Electromagnetic Interiors, and Electromagnetism | duction in the S-8 | -EM16 -TT47 |
| Poster Session | itu | H-CG28 [31] Coastal w | H-CG28 | 3-1120 | | | D 127, 171011 | | | | B-BG03 [JJ] Microbial ecology | B-BG03 | 140 | | | |
| Capaci | The state of the s | May 20 (SUN) AM1 AM2 PM1 PM2 on Session O: Public Session P: Si | PM3 pace and Planetary | AM1 AM2 A: Atmospheric and | May 21 (MON) PM1 PM2 H: Human Geosciences S: Soli | PM3 d Earth Sciences | B: Biogeosciences | May 22 (TUE) PM1 PM2 G: Education & Outreach M: Mi | PM3 ultidisciplinary an | AM1 AM2 | PM1 PM2 | РМЗ | AM1 AM2 | May 24 (THU) PM1 | PM2 | PM3 |