

POSTER PRESENTATIONS

| Session ID | Abstract ID | Abstract Title | Title | Author First Name | Author Last Name | Day |
|------------|-------------|---|-------|-------------------|------------------|-------------------|
| A01 | 47 | Use of harmonic splines to investigate the evolution of the South Atlantic Anomaly over southern Africa between 2005 and 2010 | Mr. | Emmanuel | Nahayo | Tue 17h30 - 19h00 |
| A01 | 78 | Late quaternary secular variation data from Mexico: attempts for constructing a high resolution local secular variation curve | Mr. | Ahmed Nasser | Mahgoub | Tue 17h30 - 19h00 |
| A01 | 537 | Filling the Gap - optimal use of low degree main field models and core flows to predict secular variation | Prof. | Kathy | Whaler | Tue 17h30 - 19h00 |
| A01 | 614 | Jerks in Geomagnetic and Rotational Data | Dr. | Richard | Holme | Tue 17h30 - 19h00 |
| A01 | 701 | Statistical forecasting techniques applied to observatory data for core field modelling | Dr. | William | Brown | Tue 17h30 - 19h00 |
| A01 | 1016 | On the frequency spectra of the magnetic field Gauss coefficients | Dr. | Vincent | Lesur | Tue 17h30 - 19h00 |
| A01 | 166 | Transient motions in the Earth's core from satellite data | Dr. | Nicolas | Gillet | Tue 17h30 - 19h00 |
| A02 | 1219 | Ice Giant Dynamo Models with Radially Varying Electrical Conductivity | Dr. | Krista | Soderlund | Tue 17h30 - 19h00 |
| A03 | 318 | Implications of secular variation on time-averaged-field palaeointensity analysis | Dr. | Adrian | Muxworthy | Tue 17h30 - 19h00 |
| A03 | 553 | Holocene palaeosecular variation in New Zealand and the Southwest Pacific: integrating records from lake sediments, volcanic and archaeological materials | Dr. | Gillian | Turner | Tue 17h30 - 19h00 |
| A03 | 556 | Paleomagnetic studies on single crystals separated from Japanese granites | Ms. | Chie | Kato | Tue 17h30 - 19h00 |

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|------------|-------------|--|-------|-------------------|------------------|-------------------|
| A04 | 998 | Paleomagnetic dating in Mexico: opportunities and pitfalls | Dr. | Harald | Böhnel | Tue 17h30 - 19h00 |
| A05 | 810 | Confirming the mid-Paleoproterozoic apparent polar wander path for the Rio de la Plata craton: paleogeographic implications | Mr. | Pablo | Franceschinis | Tue 17h30 - 19h00 |
| A06 | 302 | Detection of the pedogenic magnetic fraction in soils developed on basalts | Dr. | Hana | Grisson | Tue 17h30 - 19h00 |
| A06 | 427 | Detection of metallic iron in urban dust with the use of combined high temperature magnetic measurements and microscopic observations. | Dr. | Tomasz | Werner | Tue 17h30 - 19h00 |
| A06 | 610 | Magnetic properties of glacial-marine sediments in the area of Werenskiold Glacier (SW Spitsbergen, Arctic Norway) | Miss. | Magdalena | Gwizdala | Tue 17h30 - 19h00 |
| A06 | 1030 | Rock magnetic characterization of atmospheric deposition in northeastern Spain: Preliminary results from the DONAIRE Project | Dr. | Juan | Larrasoa | Tue 17h30 - 19h00 |
| A07 | 451 | The Curie temperature of magnetite nanoparticles | Mr. | Charles | Penny | Tue 17h30 - 19h00 |
| A09 | 266 | Update on the data quality and instrument status of the Thermal Ion Imagers and Langmuir Probes of Swarm | Dr. | Raffaella | D'Amicis | Tue 17h30 - 19h00 |
| A09 | 467 | Local averages of the core-mantle boundary magnetic field from Swarm and CHAMP satellite observations | Mr. | Magnus | Hammer | Tue 17h30 - 19h00 |
| A09 | 475 | Update on the status of the Swarm Start Tracker package, Vector Field Magnetometer and Absolute Scalar Magnetometer instruments and their data quality | Mr. | Enkelejda | Qamili | Tue 17h30 - 19h00 |
| A09 | 485 | Magnetic Schumann Resonances in Swarm ASM Burst Mode, VFM HF and e-POP Data? | Dr. | Ciaran | Beggan | Tue 17h30 - 19h00 |

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| A09 | 866 | VO-ESD approach: Temporal variations of the geomagnetic field at virtual observatories derived from Swarm measurements | Miss. | Diana | Saturnino | Tue 17h30 - 19h00 |
| A09 | 1040 | Derived Poynting flux directions associated with post-sunset equatorial plasma irregularities from Swarm observations | Dr. | Claudia | Stolle | Tue 17h30 - 19h00 |
| A09 | 1066 | Interpreting low and mid-latitude ionospheric current signatures in Swarm vector magnetic measurements | Dr. | Patrick | Alken | Tue 17h30 - 19h00 |
| A09 | 1132 | Correlation based modelling of ionospheric magnetic fields | Prof. | Matthias | Holschneider | Tue 17h30 - 19h00 |
| A09 | 1389 | A core magnetic field model for 2000-2016 epochs | Dr. | Vincent | Lesur | Tue 17h30 - 19h00 |
| A10 | 953 | Influence of Atmospheric Pressure Variation in the Troposphere to the Perturbation of Atmospheric Parameters | Mrs. | Olga | Borchevkina | Tue 17h30 - 19h00 |
| A10 | 1214 | The Effect of Solar Irradiation on Mars's Atmosphere and Ionosphere. | Dr. | Laila | Andersson | Tue 17h30 - 19h00 |
| A10 | 612 | Intercycle variability of solar signals within neutral atmospheric and ionospheric parameters during last four solar cycles | Dr. | Petra | Koucka Knizova | Tue 17h30 - 19h00 |
| A10 | 1046 | Detection of Ionospheric Alfvén resonance structures in mid-latitude SQUID magnetometer datasets | Dr. | Christian | Kwisanga | Tue 17h30 - 19h00 |
| A10 | 1302 | The strong ULF/ELF/VLF emissions in the ionosphere and upper atmosphere associated with the fluxes of the energetic electrons | Prof. | Jan | Blecki | Tue 17h30 - 19h00 |
| A10 | 838 | Role of MLT tides in driving equatorial ionospheric currents (EEJ/CEJ) as diagnosed from space and ground based observations | Dr. | Dupinder | Singh | Tue 17h30 - 19h00 |

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| A10 | 486 | Mesospheric temperature inversions over a low latitude location and their possible causes | Dr. | Ravindra P | Singh | Tue 17h30 - 19h00 |
| A10 | 1479 | Application of the phase velocity spectral analysis of the airglow imaging to the gravity waves studies | Prof. | Takuji | Nakamura | Tue 17h30 - 19h00 |
| A14 | 1358 | Nitric Oxide in the lower thermosphere: physical drivers in observations and model | Mr. | Koen | Hendrickx | Tue 17h30 - 19h00 |
| A14 | 662 | Optimization of the POES/MEPED measurements for assessment of the energetic particle precipitation into the atmosphere | Prof. | Johan | Stadsnes | Tue 17h30 - 19h00 |
| A14 | 703 | Parameterizing Energetic Electron Precipitation in Weak to Moderate Geomagnetic Storm associated with Corotating Interaction Regions | Dr. | Hilde Nesse | Tyssy | Tue 17h30 - 19h00 |
| A24 | 693 | Determining current sheet properties using multipoint measurements from the MMS mission | Dr. | Maria | Andriopoulou | Tue 17h30 - 19h00 |
| A28 | 1299 | EUV imaging spectroscopy of solar flares | Dr. | Natasha | Jeffrey | Tue 17h30 - 19h00 |
| A28 | 1399 | Turbulent plasma motions in the energy balance of a solar flare | Dr. | Eduard | Kontar | Tue 17h30 - 19h00 |
| A29 | 382 | The role of reconnection in the heliosheath | Dr. | John | Richardson | Tue 17h30 - 19h00 |
| A40 | 878 | Analysis of magnetotelluric data along two profiles crossing the Gour Oumelalen area (Egere-Aleksod terrane, Central Hoggar, South of Algeria) | Mr. | Zakaria | Boukhalfa | Tue 17h30 - 19h00 |
| JA3 | 958 | Insights into millennial-scale core dynamics through archeomagnetic data assimilation | Dr. | Sabrina | Sanchez | Tue 17h30 - 19h00 |
| JM1 | 226 | MetOp-A IASI Decadal Observation and Monitoring of Global Surface Thermodynamic Parameters | Dr. | Daniel | Zhou | Tue 17h30 - 19h00 |
| JM1 | 241 | Observing the Earth's Atmosphere and Surface using Satellite-based Hyperspectral Observation | Dr. | Xu | Liu | Tue 17h30 - 19h00 |

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| JM1 | 325 | Coastal Altimeter and Scatterometer Fields | Prof. | P. Ted | Strub | Tue 17h30 - 19h00 |
| JM1 | 595 | Smoke and carbon monoxide over Northern Eurasia regions during massive wildfires from satellite observations | Prof. | Igor | Mokhov | Tue 17h30 - 19h00 |
| JM1 | 628 | Studies of Land Cover Changes and their Simulated Impacts on Climate with the CG-LTDR Remote Sensing Datasets | Dr. | Xueli | Shi | Tue 17h30 - 19h00 |
| JM1 | 782 | The spatial distribution of rainfall associated with tropical cyclones that making landfall over China | Ms. | Shoujuan | Shu | Tue 17h30 - 19h00 |
| JM2 | 123 | Modulation of Bjerknes feedback on the decadal variations in ENSO predictability | Dr. | Xiang-Hui | Fang | Tue 17h30 - 19h00 |
| JM2 | 139 | The effect of regional climate change on ecological conditions and feeding of Persian sturgeon (<i>Acipenser persicus</i>) in coastal zone of Caspian Sea (Iranian water) | Mr. | Kourosh | Haddadi-Moghaddam | Tue 17h30 - 19h00 |
| JM2 | 657 | Interannual variability of spring intraseasonal variability and Mei-Yu onset | Ms. | Yonghong | Yao | Tue 17h30 - 19h00 |
| JM2 | 881 | Initial condition perturbations on different scales in a large ensemble climate system model experiment and the associated multi-decadal regional-scale climate change response | Mr. | Willem | Conradie | Tue 17h30 - 19h00 |
| JM2 | 882 | A midwinter minimum in Atlantic storm track intensity in years of strong jet | Mrs. | Hilla | Afargan-Gerstman | Tue 17h30 - 19h00 |
| JM2 | 1210 | Effects of Surface Orography and Land-Sea Contrast on the Madden-Julian Oscillation in the Maritime Continent: A Numerical Study Using ECHAM5-SIT | Dr. | Wan-Ling | Tseng | Tue 17h30 - 19h00 |
| JP1 | 16 | An Expendable Microstructure Profiler for Deep Ocean Measurements | Mr. | Xiaodong | Shang | Tue 17h30 - 19h00 |
| JP1 | 158 | Observations and drivers of turbulent dissipation and mixing over the Amundsen Sea continental shelf, Antarctica | Dr. | Yvonne | Firing | Tue 17h30 - 19h00 |

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| JP1 | 385 | Variability of internal tides in the subpolar North Atlantic | Dr. | Janna | Köhler | Tue 17h30 - 19h00 |
| JP1 | 575 | Spatial Distribution of Diapycnal Mixing in the North Atlantic from Shipboard ADCPs | Ms. | Natalia | Sukhikh | Tue 17h30 - 19h00 |
| JP1 | 696 | Dispersal patterns in the North Sea, insights from a high resolution model | Dr. | C. Gabriela | Mayorga Adame | Tue 17h30 - 19h00 |
| JP1 | 832 | Internal waves and mixing in the southeast Indian Ocean from EM-APEX floats | Ms. | Ajitha | Cyriac | Tue 17h30 - 19h00 |
| JP1 | 1098 | Observations of enhanced dissipation in an anticyclonic eddy impinging on a western boundary | Dr. | Dafydd | Evans | Tue 17h30 - 19h00 |
| JP1 | 1444 | Multifractal analysis of heat flux from ACEX project data | Ms. | Neelakshi | Joshi | Tue 17h30 - 19h00 |
| JP1 | 532 | Glider-based measurements of turbulence within the Lofoten Basin Eddy | Mr. | Anthony | Bosse | Tue 17h30 - 19h00 |
| JP1 | 1153 | Internal solitons on sea shelf: processes responsible for their generation | Prof. | Andrey | Serebryany | Tue 17h30 - 19h00 |
| JP3 | 510 | Modelling the mixed layer in the Bay of Bengal during the Indian summer monsoon | Dr. | Simon | Peatman | Tue 17h30 - 19h00 |
| JP3 | 515 | The effect of chlorophyll variability on Bay of Bengal surface temperature as observed during the 2016 BoBBLE campaign | Mr. | Jack | Giddings | Tue 17h30 - 19h00 |
| JP3 | 683 | Modeling Larval Connectivity of Coral Reef Organisms in the Kenyan-Tanzanian Region | Dr. | C. Gabriela | Mayorga Adame | Tue 17h30 - 19h00 |
| JP3 | 739 | Salinity intrusions in the Bay of Bengal from a highly resolved Argo float array | Dr. | Alejandra | Sanchez-Franks | Tue 17h30 - 19h00 |
| JP3 | 830 | Connectivity between the Somali Current and Arabian Sea interior | Dr. | Pierre | L'Hégaret | Tue 17h30 - 19h00 |
| JP3 | 840 | Climate Change Adaptation and Geospatial Technology at Kavaratti Island - Lakshadweep Islands, India | Dr. | J Sundaresan | Pillai | Tue 17h30 - 19h00 |

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| JP3 | 1071 | Web Based Applications and Infrastructure for the Second International Indian Ocean Expedition (IIOE-2) | Dr. | Kiran Kumar | Kumar | Tue 17h30 - 19h00 |
| JP3 | 531 | Space Observation of Surface Hydrodynamics and Carbon Cycle in North Indian Ocean | Dr. | W. Timothy | Liu | Tue 17h30 - 19h00 |
| JP3 | 1157 | Eddies control oxygen availability and denitrifying potential in the north west Arabian Sea. | Dr. | Bastien | Queste | Tue 17h30 - 19h00 |
| M01 | 954 | Source apportionment of particulate matter at South Asian Mega City: A case study of Karachi | Dr. | Imran | Shahid | Tue 17h30 - 19h00 |
| M01 | 185 | Clustering of seasonality of the lower tropospheric ozone over central China observed by Ozone Monitoring Instrument (OMI) | Prof. | Sachiko | Hayashida | Tue 17h30 - 19h00 |
| M01 | 296 | On the order of atmospheric scattering, its polarization and computation efficiency | Dr. | Minzheng | Duan | Tue 17h30 - 19h00 |
| M01 | 695 | Tropical tropospheric ozone trends using the Convective clouds differential technique | Mrs. | Elpida | Leventidou | Tue 17h30 - 19h00 |
| M01 | 746 | Preliminary Results From the SHOW ER-2 Flight over the Pacific Ocean in July 2017 | Dr. | Nick | Lloyd | Tue 17h30 - 19h00 |
| M01 | 1083 | Comprehensive Observation Campaign for Whole Snow Processes over Altai Station: System and Preliminary Results | Prof. | Jinli | Liu | Tue 17h30 - 19h00 |
| M05 | 417 | "APEC Blue" Association with Emission Control and Meteorological Conditions Detected by Multi-scale Statistics | Dr. | Ping | Wang | Tue 17h30 - 19h00 |
| M05 | 465 | The role of aerosol and clouds on spectral biologically effective UV irradiances | Dr. | Marcelo | de Paula Correa | Tue 17h30 - 19h00 |
| M05 | 528 | The Universal Cloud and Aerosol Sounding System (UCASS) - an open path optical particle counter for dropsonde or balloon-borne measurements | Dr. | Helen | Smith | Tue 17h30 - 19h00 |
| M05 | 973 | Studies of sea spray aerosol production of ice nucleating particles | Dr. | Paul | DeMott | Tue 17h30 - 19h00 |

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| M05 | 146 | Particles and droplets below, in and above continental-emission influenced stratocumulus: a case study over the Sea of Japan | Dr. | Daizhou | Zhang | Tue 17h30 - 19h00 |
| M09 | 340 | Research on Transverse Shear Lines and Heavy Rainfalls over the Tibetan Plateau during Boreal Summer | Prof. | Xiuping | Yao | Tue 17h30 - 19h00 |
| M12 | 438 | Enhanced Predictability of SSW Events for Select Phases of the MJO | Mr. | Chen | Schwartz | Tue 17h30 - 19h00 |
| M12 | 481 | Climatological structure of planetary waves and mean flows in the Northern Hemisphere middle atmosphere during winter | Dr. | Koki | Iwao | Tue 17h30 - 19h00 |
| M12 | 656 | Arctic stratosphere dynamical response to global warming | Dr. | Alexey Yu. | Karpechko | Tue 17h30 - 19h00 |
| M12 | 734 | An empirical model of nitric oxide in the upper mesosphere and lower thermosphere based on 12 years of Odin-SMR measurements | Mr. | Joonas | Kiviranta | Tue 17h30 - 19h00 |
| M12 | 854 | Stratospheric ozone feedbacks under global warming in ICON | Mrs. | Katharina | Meraner | Tue 17h30 - 19h00 |
| M12 | 923 | The Importance of a Properly Represented Stratosphere for Northern Hemisphere Surface Variability in the Atmosphere and the Ocean | Prof. | Katja | Matthes | Tue 17h30 - 19h00 |
| M12 | 955 | Preliminary results of the observation for whole atmosphere with the atmospheric profiling synthetic observation system (APSOS) | Mr. | Daren | Lu | Tue 17h30 - 19h00 |
| M12 | 643 | Seasonal and short term variability of gravity waves and tides at mid-latitudes derived from lidar observations: 6 years vs. a 10-day continuous sounding | Mrs. | Kathrin | Baumgarten | Tue 17h30 - 19h00 |
| M12 | 956 | The Limb Observation System on Board China Space Laboratory TG-2 and It's Preliminary Results | Mr. | Daren | Lu | Tue 17h30 - 19h00 |
| M12 | 1278 | Filling the gaps of total ozone records of two different instruments in Iran | Dr. | Majid | Mazraeh Farahani | Tue 17h30 - 19h00 |

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| M15 | 752 | A sensitive study of net solar irradiance at the surface in the presence of distinct cloud types | Prof. | Marcia | Yamasoe | Tue 17h30 - 19h00 |
| M15 | 756 | Shortwave Aerosol Direct Radiative Effect at the Surface for São Paulo City - Comparison of Modeling and Measurement Results | Prof. | Marcia | Yamasoe | Tue 17h30 - 19h00 |
| M15 | 244 | Regionalization of land surface energy fluxes and evapotranspiration over heterogeneous landscape: from Tibetan Plateau to Third Pole region and Pan-Third Pole region | Prof. | Yaoming | Ma | Tue 17h30 - 19h00 |
| M15 | 805 | Changes in Clouds and Atmospheric Circulation Associated with Rapid Adjustment Induced by Increasing Atmospheric CO ₂ - A Multiscale Modeling Framework Study | Dr. | Kuan-Man | Xu | Tue 17h30 - 19h00 |
| M16 | 908 | Analysing drought resilience through the community capitals framework: Case study; Eastern Cape, South Africa | Prof. | Andries | Jordaan | Tue 17h30 - 19h00 |
| M16 | 1461 | Drought Information Service in Jamaica | Dr. | Zack | Guido | Tue 17h30 - 19h00 |
| M16 | 1470 | Science and Tools for City Climate Decisions -- The Urban Climate Change Research Network (UCCRN) | Dr. | Cynthia | Rosenzweig | Tue 17h30 - 19h00 |
| M16 | 1494 | Coastal Climate Resilience: Inclusive Data and Decision-Making for Small Island Communities | Mr. | Roger-Mark | De Souza | Tue 17h30 - 19h00 |
| M17 | 351 | Comprehensive Dam Rehabilitation Assessment in South Korea for Considering Climate change | Prof. | Young-II | Moon | Tue 17h30 - 19h00 |
| M17 | 511 | Heat stress projections for South America based on CMIP5 Earth System Models | Dr. | Marcelo | de Paula Correa | Tue 17h30 - 19h00 |
| M17 | 671 | Influence of atmospheric model resolution on numerical representation of Maputo province gale on October of 2016 | Mr. | Luis | Chongue | Tue 17h30 - 19h00 |
| M17 | 1039 | Investigation the Bias Correction of Satellite Data in Regional Numerical Weather Simulation | Mr. | Shen-Cha | Hsu | Tue 17h30 - 19h00 |

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| M17 | 1459 | Analysing the projected change of climate extremes using regional model simulation results | Prof. | Judit | Bartholy | Tue 17h30 - 19h00 |
| M17 | 959 | Spatio-temporal Variation Characteristics of Extremely Heavy Precipitation Frequency over South China in the Last 50 Years | Ms. | Hong | Lu | Tue 17h30 - 19h00 |
| M18 | 863 | Drop size characteristics of monsoon precipitation | Prof. | Ganapati | Bhat | Tue 17h30 - 19h00 |
| M18 | 1387 | Competing Influences of Global Warming and Aerosols on Asian Monsoon Climate Change | Dr. | William | Lau | Tue 17h30 - 19h00 |
| M18 | 1433 | The dynamic and thermodynamic structure over the northern plains of India | Dr. | Andrew | Turner | Tue 17h30 - 19h00 |
| M18 | 1490 | How important is boreal summer intraseasonal oscillation to predict extreme climate events in Eurasia and USA? | Prof. | June-Yi | Lee | Tue 17h30 - 19h00 |
| M19 | 39 | Radiative Effects on Heavy Rainfall during a Landfall of Typhoon Fitow (2013) | Prof. | Xiaofan | Li | Tue 17h30 - 19h00 |
| M19 | 41 | A Three-Dimensional WRF Modeling Study of Convective-Stratiform Rainfall during a Landfall of Typhoon Fitow (2013) | Prof. | Guoqing | Zhai | Tue 17h30 - 19h00 |
| M19 | 64 | Catastrophic heavy rains that forming floods in the South of Ukraine | Dr. | Valeriya | Ovcharuk | Tue 17h30 - 19h00 |
| M19 | 119 | Verification of Probabilistic Quantitative Precipitation Forecast on Different Type Typhoons in Taiwan | Mr. | Hsu-Feng | Teng | Tue 17h30 - 19h00 |
| M19 | 247 | Case study of the cause and the dynamic structure for a small-scale snowstorm event associated with a cyclone | Dr. | Cheng fang | Yang | Tue 17h30 - 19h00 |
| M19 | 358 | Analysis on the Variation Characteristics of Summer-Autumn Precipitation over the Surrounding Regions of Southwest China and the Corresponding Circulation | Ms. | Xiuhua | Zhou | Tue 17h30 - 19h00 |

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| M19 | 544 | Rainfall monitoring based on the time-varying attenuation of microwave | Mr. | Min-Seong | Kim | Tue 17h30 - 19h00 |
| M19 | 561 | Investigation of riming within mixed-phase stratiform clouds using Weather Research and Forecasting (WRF) model | Dr. | Zhaoxia | Hu | Tue 17h30 - 19h00 |
| M19 | 822 | Climate Indices as indicators of desertification in Argentina | Prof. | Moira | Doyle | Tue 17h30 - 19h00 |
| M19 | 963 | Dynamics of the Northern East Asian Monsoon Precipitation | Mr. | Jun-Hyeok | Son | Tue 17h30 - 19h00 |
| M19 | 1451 | Analysing projected precipitation-induced flood events on a small catchment scale | Dr. | Rita | Pongracz | Tue 17h30 - 19h00 |
| M20 | 289 | The role of air-sea interaction in regulating the Tibetan-Iranian Plateau heating effect on the Asian summer monsoon | Dr. | Bian | He | Tue 17h30 - 19h00 |
| M20 | 508 | Representation of the Indian summer monsoon in an atmosphere-ocean-mixed-layer GCM | Dr. | Simon | Peatman | Tue 17h30 - 19h00 |
| M20 | 577 | Influence of the Gulf Stream Sea Surface Temperature Front on the Evolution of Storms | Mr. | Leonidas | Tsopouridis | Tue 17h30 - 19h00 |
| M20 | 590 | Case study on impact propagation of radiosonde data assimilation over the Kuroshio and Kuroshio Extension | Mr. | Yoshimi | Kawai | Tue 17h30 - 19h00 |
| M20 | 600 | Modelling the influence of tropically-excited poleward propagating rossby waves on recent trends in circulation over north Canada and Greenland | Miss. | Michelle | McCrystall | Tue 17h30 - 19h00 |
| M20 | 655 | Possible Mechanisms for the Synchronization of the North Atlantic Oscillation with the Solar Cycle | Dr. | Annika | Drews | Tue 17h30 - 19h00 |
| M20 | 675 | Comparison of recent physically-based stochastic subgrid modelizations | Dr. | Jonathan | Demaeyer | Tue 17h30 - 19h00 |
| M20 | 1100 | Role of tropical Atlantic SST in the El Niño decaying phase | Dr. | Wei | Chen | Tue 17h30 - 19h00 |

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| M20 | 1189 | Role of local ocean-atmosphere interaction in determining tropical Pacific Climate | Prof. | Noel | Keenlyside | Tue 17h30 - 19h00 |
| M20 | 1194 | Does South Atlantic Convergence Zone modify sea surface temperature? | Dr. | Luciano | Pezzi | Tue 17h30 - 19h00 |
| M20 | 1245 | Global Warming Attenuates the Tropical Atlantic-Pacific Teleconnection | Dr. | Fan | Jia | Tue 17h30 - 19h00 |
| M20 | 1310 | Impact of Gulf Stream SST biases on the global atmospheric circulation | Dr. | Robert | Lee | Tue 17h30 - 19h00 |
| M20 | 1330 | Role of Air-Sea-Land Interactions in the Tropical Atlantic Seasonal Cycle | Mr. | Lander R. | Crespo | Tue 17h30 - 19h00 |
| M20 | 1395 | The dynamical coupling of sea-ice in Variable-Resolution Earth System Model and its feedback on the SH seasonal to inter-annual climate variability | Dr. | Asmerom | Beraki | Tue 17h30 - 19h00 |
| M20 | 1402 | The role of the ocean and atmosphere model resolution in the generation of the warm bias in the Angola-Benguela Frontal Zone | Mr. | Dmitry | Sein | Tue 17h30 - 19h00 |
| M20 | 1528 | Observed and Simulated Summer Rainfall Variability in Southeastern South America | Dr. | Leandro | Diaz | Tue 17h30 - 19h00 |
| P01 | 571 | Variability of the patagonian shelf circulation | Dr. | Vincent | Combes | Tue 17h30 - 19h00 |
| P01 | 1339 | Key Region for the Interannual Variability of Western Pacific Warm Pool in Reanalyses and CMIP5 Multi-models | Dr. | Fan | Jia | Tue 17h30 - 19h00 |
| P01 | 55 | Changes in the Atlantic Sector of the Southern Ocean at the end of the Last Millennium | Dr. | Ilana | Wainer | Tue 17h30 - 19h00 |
| P01 | 996 | On Cabbeling and Thermobaricity in the Surface Mixed Layer | Dr. | Kial | Stewart | Tue 17h30 - 19h00 |
| P01 | 1001 | IOCAS Scientific Observing Network in the Western Pacific Ocean | Dr. | Fan | Wang | Tue 17h30 - 19h00 |

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| P01 | 1499 | Improved offshore wind and mussel farm co-location strategy through high-resolution remote sensing data | Prof. | Guido | Benassai | Tue 17h30 - 19h00 |
| P01 | 56 | Acoustic remote sensing: 5 MHz backscattering response by phytoplankton in waters off the southeast Argentinian coast. | Mr. | Igor | Prario | Tue 17h30 - 19h00 |
| P01 | 62 | Stabilisation of hydrographic profiles | Dr. | Paul | Barker | Tue 17h30 - 19h00 |
| P01 | 256 | The geomorphological and environmental aspects of Shiab Al-Kabeer, a coral patch in the Red Sea of Saudi Arabia | Mr. | Abdulnasser | Al-Qutub | Tue 17h30 - 19h00 |
| P01 | 339 | Processes responsible for the sediment distribution pattern in the Khuraybah lagoon, eastern Red Sea, Saudi Arabia | Mr. | Salem | Alnomani | Tue 17h30 - 19h00 |
| P01 | 925 | Dynamics of Malvinas Current at 41°S from CASSIS project: analysis and comparison with historical data | Miss. | Guillermina F. | Paniagua | Tue 17h30 - 19h00 |
| P01 | 1011 | An observing system for multidisciplinary purposes | Dr. | Elena | Tel | Tue 17h30 - 19h00 |
| P01 | 1013 | Measuring spatio - temporal variability of chemical seawater parameters around the Spanish coasts. | Dr. | Elena | Tel | Tue 17h30 - 19h00 |
| P01 | 1105 | Results from the Antarctic Circumpolar Current dynamics Analysis (ACCUA) project | Prof. | Pierpaolo | Falco | Tue 17h30 - 19h00 |
| P01 | 1135 | Evidence of glacial melt water input in the Western Ross Sea (Antarctica) water masses | Prof. | Paola | Rivaro | Tue 17h30 - 19h00 |
| P01 | 1250 | Biases in the upper ocean in the northern Indian Ocean simulated by CMIP5 models | Dr. | Chan Joo | Jang | Tue 17h30 - 19h00 |
| P06 | 924 | Propagating ocean structures within the Agulhas Current in a series of simulations with FESOM and NEMO models and in satellite altimetry | Dr. | Natalia | Tilinina | Tue 17h30 - 19h00 |

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| P07 | 156 | Role of Interannual Kelvin wave propagations in the equatorial Atlantic on the Angola Benguela Current system. | Mr. | Rodrigue Anicet | Imbol Koungue | Tue 17h30 - 19h00 |
| P07 | 250 | Changes in Upwelling along the Arabian coast in a warming scenario | Dr. | Praveen | Veluthedathekuzhiyil | Tue 17h30 - 19h00 |
| P07 | 429 | Fishing for Answers: Utilising fishing vessel data to explore sea surface and bottom temperature on the South African shelf edge | Miss. | Kirsten | du Plessis | Tue 17h30 - 19h00 |
| P07 | 950 | Interannual phytoplankton size structure in the Benguela Upwelling System. | Dr. | Tarron | Lamont | Tue 17h30 - 19h00 |
| P07 | 951 | Upwelling indices for comparative ecosystem studies: variability in the Benguela Upwelling System | Dr. | Tarron | Lamont | Tue 17h30 - 19h00 |
| P07 | 1089 | Role of the remote equatorial forcing on coastal physical and biogeochemical interannual variability in the southeast Atlantic Ocean | Mrs. | Marie-Lou | Bachelery | Tue 17h30 - 19h00 |
| P07 | 1504 | Quantifying the impact of mesoscale activity on the Benguela upwelling front | Mr. | Matthew | Carr | Tue 17h30 - 19h00 |

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| POSTER PRESENTATIONS | | | | | | |
| Session ID | Abstract ID | Abstract Title | Title | Author First Name | Author Last Name | Day |
| A11 | 98 | Ionospheric disturbances from equator to beyond the equatorial ionization anomaly (EIA) crest due to geomagnetic storms, during the solar cycle 24 | Mr. | Brunno Augusto | Gomes Ribeiro | Thu 17h30 - 19h00 |
| A11 | 136 | F3 and StF-4 additional stratifications at low latitude (26.9°S) | Dr. | Alexandre | Tardelli | Thu 17h30 - 19h00 |
| A11 | 137 | Comparative study on the ionospheric response to minor and major sudden stratospheric events in the Brazilian equatorial and low latitudes | Dr. | Michael | Pezzopane | Thu 17h30 - 19h00 |
| A11 | 306 | Improved Modelling of Equatorial Plasma Bubbles | Dr. | Estefania | Blanch | Thu 17h30 - 19h00 |
| A11 | 311 | characteristics of sporadic iron and sodium layers simultaneously observed by high resolution lidar | Dr. | Lingqi | Zeng | Thu 17h30 - 19h00 |
| A11 | 804 | Characterization of the Low Latitude Plasma Density Irregularities Observed using In-situ Satellite Data | Mr. | Geoffrey | Andima | Thu 17h30 - 19h00 |
| A11 | 889 | Application of geostationary navigational and augmentation satellites for ionospheric studies. | Mr. | Grigory | Kurbatov | Thu 17h30 - 19h00 |
| A11 | 992 | Variability of low latitude ionosphere in Brazil during low solar activity under the influence of Solar Wind High Speed Streams | Dr. | Claudia | Candido | Thu 17h30 - 19h00 |
| A11 | 1440 | Space weather in the equatorial and low-latitude ionosphere over the South American region and its relationship with ESF during the St. Patrick's day storm on 17 March 2015 | Mr. | Flavio | Roony | Thu 17h30 - 19h00 |
| A11 | 1519 | Toward a new capability for upper atmospheric research using atomic oxygen lidar | Mr. | James | Clemmons | Thu 17h30 - 19h00 |

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| A15 | 487 | Influence of interplanetary shocks on the VLF wave intensity observed by the DEMETER | Miss. | Barbora | Bezdekova | Thu 17h30 - 19h00 |
| A15 | 750 | HSS and CME events related to change in the outer radiation belt electron flux during the Van Allen Probes mission era | Mr. | Jose Paulo | Marchezi | Thu 17h30 - 19h00 |
| A17 | 387 | Magnetosphere and Ionosphere Response to the Interplanetary Shock Arrival | Dr. | Vladimir | Belakhovsky | Thu 17h30 - 19h00 |
| A18 | 225 | The Identification of Waves at Discrete Frequencies in the Magnetosphere: the Role of the Spectral Analysis Techniques and the Relations with Solar Wind Fluctuations | Mr. | Simone | Di Matteo | Thu 17h30 - 19h00 |
| A18 | 1054 | EMIC wave propagation in the magnetosphere | Dr. | Eun-Hwa | Kim | Thu 17h30 - 19h00 |
| A21 | 1472 | Different aspects of longitudinal variability of the main ionospheric trough - morphology and mechanisms | Dr. | Maxim | Klimenko | Thu 17h30 - 19h00 |
| A22 | 1372 | Polar caps of Ganymede and Callisto | Dr. | Katrin | Stephan | Thu 17h30 - 19h00 |
| A25 | 658 | A Case Study: Magnetotail Response to the Directional Changes in Solar Wind Flows | Mrs. | Dana | Saxonbergova | Thu 17h30 - 19h00 |
| A26 | 396 | Characterizing the geomagnetic field variability for the study of magnetic storm and substorm impact on electric power lines | Prof. | Vyacheslav | Pilipenko | Thu 17h30 - 19h00 |
| A26 | 423 | Current density and electric field variation within a layered Earth model during different phases of a geomagnetic storm for Grassridge substation in South Africa. | Mrs. | Electdom | Matandirotya | Thu 17h30 - 19h00 |
| A26 | 449 | Dealing with Uncertainty in GIC Modelling: An Empirical Approach | Mr. | Michael | Heyns | Thu 17h30 - 19h00 |
| A26 | 1126 | Estimation of GIC amplitude in the Brazilian equatorial region during a moderate geomagnetic storm | Miss. | Erica | Monteiro Diogo | Thu 17h30 - 19h00 |

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| A30 | 52 | Heliospheric Magnetic Field And Solar Wind Behaviour During Solar Cycle 23-24 | Dr. | Pieter B. | Kotze | Thu 17h30 - 19h00 |
| A30 | 301 | Solar wind properties deduced from the measurements of proton and alpha components | Miss. | Tereza | Durovcova | Thu 17h30 - 19h00 |
| A30 | 434 | Solar rotation from sunspot and flocculi data in Ebro catalogs. | Dr. | Juan José | Curto | Thu 17h30 - 19h00 |
| A30 | 1422 | Non Linear Force Free Field Modeling for a Pseudostreamer | Dr. | Nishu | Karna | Thu 17h30 - 19h00 |
| A30 | 1486 | Comparison of helioseismic cut-off frequency formulations by the means of MHD simulation results | Dr. | Philippe-A. | Bourdin | Thu 17h30 - 19h00 |
| A33 | 374 | Preparing the Livingston Island Geomagnetic Observatory (Antarctica) for accommodating an automatic DI-flux | Dr. | Santiago | Marsal | Thu 17h30 - 19h00 |
| A33 | 636 | Timestamping corrections of geomagnetic measurements with an open source magnetic pulser | Dr. | Mojca | Miklavac | Thu 17h30 - 19h00 |
| A33 | 1082 | Merging Fluxgate and Induction Coil Data to produce low Noise geomagnetic Observatory Data meeting the INTERMAGNET Definitive One-second Data Standard | Mr. | Heinz-Peter | Brunke | Thu 17h30 - 19h00 |
| A33 | 1262 | The Italian magnetic repeat station network: the 2015 cartography | Mr. | Domenico | Di Mauro | Thu 17h30 - 19h00 |
| A33 | 1376 | Geomagnetic Field Observatories run by Italian INGV | Mrs. | Lili | Cafarella | Thu 17h30 - 19h00 |
| A33 | 246 | Experience with standard geomagnetic observations and Schumann Resonance monitoring at the Belsk and Hornsund observatories | Dr. | Jan | Reda | Thu 17h30 - 19h00 |

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| A33 | 1394 | Application of the DMA methods to the Sq-variation estimation and verification of the global models of the Earth's main magnetic field | Mr. | Artem | Smirnov | Thu 17h30 - 19h00 |
| A34 | 424 | Lithospheric structure of the Alboran Sea and the relationship with the seismic activity | Dr. | Manuel | Catalan | Thu 17h30 - 19h00 |
| A34 | 472 | Inverting satellite magnetic field data for the Earth's magnetization | Dr. | Foteini | Vervelidou | Thu 17h30 - 19h00 |
| A34 | 1321 | Aeromagnetic Constraints on the Basement Structure along the Izu Collision Zone in Central Japan | Dr. | Shigeo | Okuma | Thu 17h30 - 19h00 |
| A34 | 264 | Tectonic reconstructions of the Denezhkin Kamen Earth crust using magnetic data. | Dr. | Petr | Martysenko | Thu 17h30 - 19h00 |
| A34 | 1455 | Aeromagnetic and airborne gravity views unveil a Pan-African transpressional orogen superimposed on a Grenvillian accretionary belt in interior East Antarctica | Dr. | Fausto | Ferraccioli | Thu 17h30 - 19h00 |
| A34 | 999 | How sensitive is the global lithospheric magnetic field to the geometry of the inducing field and the shape of the magnetized layer? | Dr. | Jinsong | Du | Thu 17h30 - 19h00 |
| A34 | 1190 | High-resolution crustal field models from the Earth Magnetic Anomaly Grid | Dr. | Arnaud | Chulliat | Thu 17h30 - 19h00 |
| A35 | 432 | Local time dependence of SC amplitude for long data series from low-latitude magnetic observatories | Dr. | Juan Josa | Curto | Thu 17h30 - 19h00 |
| A35 | 582 | Nowcast of the BeNeLux regional magnetic activity for use in space weather applications | Dr. | Stanimir | Stankov | Thu 17h30 - 19h00 |
| A35 | 640 | Automatic detection of geomagnetic pulsations using continuous wavelet transform and Fourier surrogates | Dr. | Hugo | Larnier | Thu 17h30 - 19h00 |
| A35 | 1020 | Observatory data products for space weather applications | Ms. | Ellen | Clarke | Thu 17h30 - 19h00 |

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| A37 | 632 | Laterally and Spatially Constrained Inversion of Transient Electromagnetic Data from Sedimentary Basins in the East-African Rift Valley | Mr. | Marc | Seidel | Thu 17h30 - 19h00 |
| A38 | 186 | From 1D to 3D: MT/MV inversion results of new synchronous profile data across Lake Ladoga conductivity anomaly | Mrs. | Yana | Taran | Thu 17h30 - 19h00 |
| A38 | 310 | 3-D MT modelling and HMT analysis to image the conductivity structures of Poland | Mr. | Waldemar | Jozwiak | Thu 17h30 - 19h00 |
| A38 | 284 | A 3D sequential inversion approach for electric and electromagnetic methods | Dr. | Julia | Weissflog | Thu 17h30 - 19h00 |
| A39 | 469 | Synthetic modeling of the global induction by the GAIA Sq source model | Dr. | Takao | Koyama | Thu 17h30 - 19h00 |
| A39 | 759 | Probing upper mantle electrical conductivity with Sq variations: An approach and Results. | Ms. | Martina | Guzavina | Thu 17h30 - 19h00 |
| A41 | 1063 | A new declination chart for 1600-1640 based on Athanasius Kircher compilation | Prof. | Maria Luisa | Osete | Thu 17h30 - 19h00 |
| JA4 | 363 | A Model Study on the Role of Ocean-Atmosphere Coupling for the 11-Year Solar Signal in the Troposphere | Dr. | Anne | Kubin | Thu 17h30 - 19h00 |
| JA4 | 621 | Revised historical solar forcing using updated model and proxy data | Dr. | Tatiana | Egorova | Thu 17h30 - 19h00 |
| JA4 | 1056 | Quasi-two-day wave variability in the Southern MLT low latitude during austral summer and winter | Dr. | Luciana R. | Araujo | Thu 17h30 - 19h00 |
| JM2 | 1247 | Future change of wintertime North Pacific blocking frequency and intensity in CMIP5 models | Prof. | Joong-Bae | Ahn | Thu 17h30 - 19h00 |
| JM2 | 1248 | Winter climate changes of East Asian winter monsoon under RCP scenarios | Prof. | Joong-Bae | Ahn | Thu 17h30 - 19h00 |
| JM2 | 652 | Challenges in Modelling ENSO and Predicting Future Changes: The Role of the Atmosphere | Prof. | Mat | Collins | Thu 17h30 - 19h00 |

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| JM2 | 880 | Assessing the co-variability of the Southern Hemispheric mid-latitude circulation and southern Africa precipitation in the 20th century | Mr. | Willem | Conradie | Thu 17h30 - 19h00 |
| JM2 | 1206 | Biases of the wintertime Arctic Oscillation in CMIP5 models | Prof. | Lin | Wang | Thu 17h30 - 19h00 |
| JM2 | 1212 | Asymmetrical transition of El Niño and La Niña and its future change | Prof. | Soon-Il | An | Thu 17h30 - 19h00 |
| JM2 | 182 | Community-based Climate Adaptation: Alaska Native Communities Design a Relocation Process to Protect Their Human Rights | Dr. | Robin | Bronen | Thu 17h30 - 19h00 |
| JM4 | 492 | Precipitation variability in the Serengeti during the 20th century | Ms. | Josephine | Mahony | Thu 17h30 - 19h00 |
| JM4 | 496 | Constraining Congo Basin rainfall in the CMIP5 ensemble: a process-based assessment | Ms. | Amy | Creese | Thu 17h30 - 19h00 |
| JM4 | 700 | Improvements in the precipitation distribution of West Africa with a convection-permitting simulation at climate scales | Dr. | Segolene | Berthou | Thu 17h30 - 19h00 |
| JM4 | 872 | Distillation of contrasting projections for informing city scale adaptation in Africa | Prof. | Bruce | Hewitson | Thu 17h30 - 19h00 |
| JM4 | 1044 | Modelling changes in the West African Monsoon (2000 to 2100) | Dr. | Peter | Cook | Thu 17h30 - 19h00 |
| JM4 | 1484 | Development of Precise Precipitation Data for Assessing the Potential Impacts of Climate Change for Middle East and Africa | Dr. | Akiyo | Yatagai | Thu 17h30 - 19h00 |
| JM4 | 690 | Dominant Drivers of Uncertainty in CMIP5 Rainfall Projections over East Africa | Dr. | Dave | Rowell | Thu 17h30 - 19h00 |

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| JM4 | 1184 | Applying Comprehensive Earth System Forecasts for Climate Change to determine changes in extreme climate events in the East African Great Lakes | Dr. | Salvi | Asefi-Najafabady | Thu 17h30 - 19h00 |
| JM4 | 1375 | Oceanic influence links past and future changes in the climate of the African Sahel | Dr. | Alessandra | Giannini | Thu 17h30 - 19h00 |
| JP2 | 90 | Constraining the role of the Southern Ocean in global climate: the ORCHESTRA programme | Prof. | Michael | Meredith | Thu 17h30 - 19h00 |
| JP2 | 110 | An evaluation of meteorological reanalysis products in the Amunsen Sea, West Antarctica. | Mr. | Richard | Jones | Thu 17h30 - 19h00 |
| JP2 | 157 | Deep temperature variability and the Antarctic Circumpolar Current fronts in Drake Passage | Dr. | Yvonne | Firing | Thu 17h30 - 19h00 |
| JP2 | 204 | Changing of ice drift patterns in the Barents Sea during last 15 years | Dr. | Nataliya | Marchenko | Thu 17h30 - 19h00 |
| JP2 | 370 | Antarctic Bottom Water formation and deep convection events in ocean reanalysis products | Mr. | Wilton | Aguiar | Thu 17h30 - 19h00 |
| JP2 | 379 | Evaluation of high-resolution MetUM and AMPS forecasts of near-surface meteorological variables over Larsen C ice shelf and northern Antarctic Peninsula | Dr. | Andrew | Orr | Thu 17h30 - 19h00 |
| JP2 | 602 | Transit navigation through Northern Sea Route from satellite data and CMIP5 simulations | Prof. | Igor | Mokhov | Thu 17h30 - 19h00 |
| JP2 | 611 | A connection between seasonal biases in phytoplankton and Antarctic sea-ice in CMIP5 models | Mr. | Mark | Hague | Thu 17h30 - 19h00 |
| JP2 | 620 | The Seasonal Cycle of CO ₂ in the Southern Ocean: Diagnosing Anomalies in CMIP5 Earth Systems Models | Mr. | Precious | Mongwe | Thu 17h30 - 19h00 |
| JP2 | 1041 | Thermodynamic transformations of the first year and multiyear ice ridges | Prof. | Aleksey | Marchenko | Thu 17h30 - 19h00 |

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| JP2 | 1043 | Mesoscale mixing of the Denmark Strait Overflow in the Irminger Basin | Prof. | Inga | Koszalka | Thu 17h30 - 19h00 |
| JP2 | 507 | Exchange Processes at the Amundsen Sea continental slope | Ms. | Marina | do Valle Chagas Azaneu | Thu 17h30 - 19h00 |
| JP2 | 1297 | The impact of the meridional gradient in surface forcing on upper ocean submesoscale processes and mixing in the Southern Ocean | Dr. | Sebastiaan | Swart | Thu 17h30 - 19h00 |
| JP2 | 1322 | Variability in the marine environment at the Sub-Antarctic Prince Edward Islands | Miss. | Sarah | Asdar | Thu 17h30 - 19h00 |
| JP2 | 1340 | Upper ocean processes in the Southern Ocean marginal ice zone during the sea ice melt season | Dr. | Louise | Biddle | Thu 17h30 - 19h00 |
| JP2 | 1361 | Observing the polynya and ocean under sea ice around Antarctica | Mr. | Yutian | Jiao | Thu 17h30 - 19h00 |
| JP2 | 1107 | Characteristics of near-surface wind fields over Jang Bogo Station, Antarctica based on observational data | Dr. | Sheeba | Chenoli | Thu 17h30 - 19h00 |
| JP3 | 1249 | Biogeochemistry of carbon dioxide system, oxygen and nitrogen in the Southern Bay of Bengal: Findings from Bay of Bengal Boundary Layer Experiment (BoBBLE) | Dr. | Amit | Sarkar | Thu 17h30 - 19h00 |
| JP3 | 1216 | Phytoplankton physiological response and Air-Sea CO ₂ dynamics during the First IIOE-2 cruise in Indian Ocean | Dr. | Satya | Prakash | Thu 17h30 - 19h00 |
| JP3 | 862 | Special features of air-sea interaction over the North Indian Ocean during boreal summer | Prof. | Ganapati | Bhat | Thu 17h30 - 19h00 |
| JP3 | 1230 | Subsurface radiant flux during summer monsoon in the southern Bay of Bengal | Dr. | Aneesh | Lotliker | Thu 17h30 - 19h00 |
| JP3 | 1233 | Meridional variability of subsurface light field along IIOE-2 transect using satellite data | Dr. | Aneesh | Lotliker | Thu 17h30 - 19h00 |
| JP3 | 859 | High Spatial Resolution Imageries for Climate change impact studies at inhabited Islands of Lakshadweep - India | Dr. | J Sundaresan | Pillai | Thu 17h30 - 19h00 |

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| JP3 | 862 | Special features of air-sea interaction over the North Indian Ocean during boreal summer | Prof. | Ganapati | Bhat | Thu 17h30 - 19h00 |
| M02 | 439 | Electric field measurements of atmospheric discharges: coordination between ground based measurements in preparation of TARANIS space mission | Dr. | Seran | Elena | Thu 17h30 - 19h00 |
| M02 | 1232 | Introducing the EXploiting new Atmospheric Electricity Data for Research and the Environment (EXAEDRE) project | Dr. | Eric | Defer | Thu 17h30 - 19h00 |
| M02 | 1252 | Design and development of polarimetric phased array weather radar | Mr. | Tomoaki | Kida | Thu 17h30 - 19h00 |
| M02 | 1435 | Evaluation of ENTLN performance characteristics based on the natural and rocket-triggered lightning data acquired in Florida | Mr. | Yanan | Zhu | Thu 17h30 - 19h00 |
| M02 | 1460 | Observations of Lightning using a Broadband Interferometer and a Lightning Mapping Array | Dr. | William | Rison | Thu 17h30 - 19h00 |
| M03 | 785 | Determination of the threshold value of lightning potential index (LPI) for identification of lightning activity regions | Dr. | Maryam | Gharaylou | Thu 17h30 - 19h00 |
| M03 | 1352 | First results of high-speed video observation and electric field lightning flashes in Johannesburg, South Africa | Dr. | Carina | Schumann | Thu 17h30 - 19h00 |
| M03 | 1353 | The seasonality and spatiality of sixteen years of lightning discharges over the State of Parana, Brazil | Dr. | Mauro | Alves | Thu 17h30 - 19h00 |
| M03 | 1391 | Instability in Long DC Arcs in Air: Application to Lightning M-components in Continuing Current | Dr. | Earle | Williams | Thu 17h30 - 19h00 |
| M08 | 431 | Latent heating and surface fluxes in baroclinic development: Analytical and idealised numerical solutions | Mrs. | Kristine Flack | Hauland | Thu 17h30 - 19h00 |
| M08 | 769 | Formation and Maintenance Mechanisms of the Western Hemisphere Circulation Pattern: Roles of Stationary waves versus Synoptic waves | Dr. | Ming | Bao | Thu 17h30 - 19h00 |
| M08 | 952 | A comparative study between bulk and bin microphysical schemes of a simulated squall line in East China | Prof. | Fan | Ping | Thu 17h30 - 19h00 |

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| M08 | 1101 | Linking Hadley circulation and storm tracks in a conceptual model of the atmospheric energy balance | Dr. | Cheikh | Mbengue | Thu 17h30 - 19h00 |
| M08 | 1115 | Multi-scale Structure between Cut off Upper Low and Tornados | Mr. | Kasuga | Satoru | Thu 17h30 - 19h00 |
| M08 | 1257 | Stratospheric gravity waves produced by asymmetric TC Soudelor (2015) near Taiwan | Dr. | Fabrice | Chane Ming | Thu 17h30 - 19h00 |
| M08 | 1204 | Intraseasonal variation of the strength of the East Asian trough and its climatic impacts in boreal winter | Prof. | Lin | Wang | Thu 17h30 - 19h00 |
| M09 | 1312 | Effects of the topography on the atmospheric variables in the Southeastern Brazil | Dr. | Michelle | Reboita | Thu 17h30 - 19h00 |
| M10 | 107 | role of large-scale tropospheric circulation and energetics in the latitudinal distribution of the tropical cyclone lifecycle | Mr. | Joshua | Studholme | Thu 17h30 - 19h00 |
| M10 | 259 | Ventilation Index during a super-intense tropical cyclone | Dr. | Nafiseh | Pegahfar | Thu 17h30 - 19h00 |
| M10 | 900 | Assessment of track and precipitation of tropical cyclone Dineo using global ensemble forecast | Mr. | Celio | Matuele | Thu 17h30 - 19h00 |
| M10 | 976 | Study of variation of low-levels jet in South America | Miss. | Dejanira | Ferreira Braz | Thu 17h30 - 19h00 |
| M10 | 1037 | Meteorological impacts over the central Amazon basin due to mesoscale convective systems during the GoAmazon project | Prof. | Tercio | Ambrizzi | Thu 17h30 - 19h00 |
| M10 | 1084 | The structure and variability of Indian monsoon depressions | Dr. | Kieran | Hunt | Thu 17h30 - 19h00 |
| M10 | 1202 | Active meteorological systems during the goamazon experiment and impacts in Atto tower data | Miss. | Paola | Bueno | Thu 17h30 - 19h00 |
| M11 | 1378 | The relationship between the southern African heat low, circulation and rainfall in coupled model and reanalyses | Mr. | Callum | Munday | Thu 17h30 - 19h00 |

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| M13 | 24 | Titan's mid-latitude geology using Cassini/VIMS analysis and atmospheric contributions | Dr. | Anezina | Solomonidou | Thu 17h30 - 19h00 |
| M13 | 25 | Insights on Titan's atmospheric properties evolution with Cassini | Dr. | Athena | Coustenis | Thu 17h30 - 19h00 |
| M22 | 430 | Relative Role of the MJO and Stratospheric Variability in North Atlantic Climate Patterns During Boreal Winter | Mr. | Chen | Schwartz | Thu 17h30 - 19h00 |
| M22 | 705 | Calibration and Combination of CHFP precipitation forecasts over South America using Ensemble Regression | Dr. | Marisol | Osman | Thu 17h30 - 19h00 |
| M22 | 823 | A comparison of two intraseasonal cold events in 2007/08 and 2015/16 winter: the roles of Arctic sea ice loss and ENSO | Prof. | Shuanglin | Li | Thu 17h30 - 19h00 |
| M22 | 827 | Madden-Julian Oscillation prediction skill of the Subseasonal-to-Seasonal (S2S) models | Ms. | Yuna | Lim | Thu 17h30 - 19h00 |
| M22 | 1134 | Changes of frontal activity under climate change scenarios in Brazil | Dr. | Simone | Ferraz | Thu 17h30 - 19h00 |
| M22 | 1356 | Teleconnections between the Madden Julian Oscillation (MJO) and extratropical weather patterns as a source of predictability | Dr. | Robert | Lee | Thu 17h30 - 19h00 |
| M22 | 1047 | Evaluation of the subseasonal forecasts from the Eta Regional Climate Model to detect the onset of the rainy season in Southeast Brazil | Dr. | Sin-Chan | Chou | Thu 17h30 - 19h00 |
| P01 | 1287 | Water mass transport in the Vema fracture zone of the Mid-Atlantic ridge | Mr. | Ilya | Drigo | Thu 17h30 - 19h00 |
| P01 | 1244 | Global Ocean circulation derived from the Argo-based Model for Investigation of the Global Ocean (AMIGO) | Dr. | Konstantin | Lebedev | Thu 17h30 - 19h00 |
| P01 | 646 | Monitoring the Terra Nova Bay polynya by MODIS ice surface temperature imagery during winter 2010 and 2011 | Prof. | Giannetta | Fusco | Thu 17h30 - 19h00 |
| P01 | 677 | The Antarctic Circumpolar Wave: Its presence and Interdecadal Changes during the last 142 years | Dr. | Yuri | Cotroneo | Thu 17h30 - 19h00 |

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| P01 | 861 | The Toroidal Magnetic Field Generated in the Earth's Global Oceans | Dr. | Jakub | Velímský | Thu 17h30 - 19h00 |
| P01 | 46 | Coastal Current Pattern Analysis On The Shelf Edge Zone In The Sea Of Enshu With VHF Ocean Radar Measurements | Dr. | Shin'ichi | Sakai | Thu 17h30 - 19h00 |
| P02 | 92 | Role of mollusks in the sediment balance of accumulative beaches of Anapa Bay bar (the Black Sea) | Dr. | Alisa | Kosyan | Thu 17h30 - 19h00 |
| P02 | 270 | Thermohaline forcing and interannual variability of northwestern Inflows into the northern North Sea | Mr. | Peter | Sheehan | Thu 17h30 - 19h00 |
| P02 | 745 | Mechanical degradation of plastics in the swash zone with coarse bottom sediment: laboratory experiments | Ms. | Irina | Poterukhina | Thu 17h30 - 19h00 |
| P02 | 892 | Vertical distribution of microplastics within the body of sandy beaches of the south-eastern part of the Baltic Sea (Kaliningrad region) | Dr. | Andrei | Bagaev | Thu 17h30 - 19h00 |
| P02 | 916 | Lagrangian particle tracking for the assessment of the flushing efficiency of harbor structures: the case of the Port of the Bay of Algeciras, Strait of Gibraltar | Dr. | Simone | Sammartino | Thu 17h30 - 19h00 |
| P02 | 1167 | Water mass structure and near-shore circulation in the south-eastern part of the Baltic sea | Mr. | Nikita | Rykov | Thu 17h30 - 19h00 |
| P02 | 1304 | Characterising Continental Shelf Waves in the Southern Adriatic Sea: from observational hints to a numerical modelling description. | Dr. | Davide | Bonaldo | Thu 17h30 - 19h00 |
| P02 | 668 | High resolution modelling of the Bay of Algeciras (Strait of Gibraltar) with application to biogeochemical processes | Dr. | Cristina | Naranjo Rosa | Thu 17h30 - 19h00 |
| P02 | 939 | Variability of parameters of the Cold Intermediate Layer of the Baltic Sea based on CTD data | Ms. | Irina | Poterukhina | Thu 17h30 - 19h00 |
| P04 | 68 | Characteristics and causes of Deep Western Boundary Current transport variability at 34.5°S during 2009-2014 | Dr. | Christopher | Meinen | Thu 17h30 - 19h00 |
| P04 | 150 | Investigating the link between sea-surface height and the AMOC in a transport decline scenario | Miss. | Delphine | Lobelle | Thu 17h30 - 19h00 |

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| P04 | 573 | Effect of tide-induced mixing on shallow Pacific Ocean circulation | Dr. | Takao | Kawasaki | Thu 17h30 - 19h00 |
| P04 | 613 | Major variations in subtropical North Atlantic heat transport at short (5 day) timescales and their causes | Dr. | Ben | Moat | Thu 17h30 - 19h00 |
| P04 | 714 | Meridional overturning circulation and heat budget in the eastern subpolar North Atlantic | Dr. | Patricia | Zunino | Thu 17h30 - 19h00 |
| P04 | 888 | Meridional overturning transports at 30°S in the Atlantic Ocean in 2003 and 2011 | Prof. | Alonso | Hernandez-Guerra | Thu 17h30 - 19h00 |
| P04 | 907 | On the seasonal variability of the Canary Current and the Atlantic meridional overturning circulation | Mr. | Pedro | Valez-Belcha | Thu 17h30 - 19h00 |
| P04 | 1241 | The Global Warming Hiatus and the Indian Ocean Heat Content: Simulating Lagrangian Flows from the North Pacific to the South Atlantic | Mr. | Bruno | Castaldi | Thu 17h30 - 19h00 |
| P04 | 1307 | AMOC response to tropical Atlantic river runoff fluctuations | Mr. | Sharif | Jahfer | Thu 17h30 - 19h00 |
| P04 | 1324 | Observed Circulation and Water Mass Variability in the South Atlantic Subtropical Gyre | Dr. | Renellys | Perez | Thu 17h30 - 19h00 |
| P04 | 1454 | Contributions of XBT Measurements to the Understanding of the South Atlantic MOC | Dr. | Shenfu | Dong | Thu 17h30 - 19h00 |
| P05 | 75 | Nonseismic sea level oscillations at tsunami timescales: measurability, relevance and origin | Dr. | Ivica | Vilibic | Thu 17h30 - 19h00 |
| P05 | 446 | The Permanent Service for Mean Sea Level (PSMSL) - a global dataset of sea level change information | Dr. | Andrew | Matthews | Thu 17h30 - 19h00 |
| P05 | 593 | Recent efforts to increase co-ordination of sea level monitoring in Europe : EuroGOOS Tide Gauges Task Team | Dr. | Andrew | Matthews | Thu 17h30 - 19h00 |
| P05 | 691 | Caribbean Sea Level Network | Mrs. | Christa | von Hillebrandt-Andrade | Thu 17h30 - 19h00 |

| Session ID | Abstract ID | Abstract Title | Title | Author First Name | Author Last Name | Day |
|------------|-------------|---|-------|-------------------|------------------|-------------------|
| P05 | 727 | Coastal Sea Level Variability from Satellite Altimetry - Applications in the UK and the Southern Indian Ocean | Dr. | Angela | Hibbert | Thu 17h30 - 19h00 |
| P05 | 729 | Adaptations in Tide Gauge Technology - from the Tropics to the Poles | Dr. | Angela | Hibbert | Thu 17h30 - 19h00 |
| P05 | 1099 | High-resolution numerical simulation of the 2006-2007 Central Kuril Islands tsunamis | Mrs. | Anastasiia | Ivanova | Thu 17h30 - 19h00 |
| P05 | 1197 | Real-time tsunami monitoring system by detection of geomagnetic vector difference | Dr. | Hiroaki | Toh | Thu 17h30 - 19h00 |
| P05 | 1283 | African Sea Level Data Rescue - finding data in a data sparse region | Ms. | Elizabeth | Bradshaw | Thu 17h30 - 19h00 |