

SESSION DETAIL FOR SCIENTIFIC PROGRAMME: IAMAS

ORAL PRESENTATIONS

M01 - Atmospheric Chemistry and Physics for the 21st Century

Session ID	Abstract ID	Abstract Title	Title	Author First Name	Author Last Name	Date		Time	Venue
M01	1410	Roland von Glasow Memorial Lecture: Tropospheric Halogen Sources from Sea Spray Aerosol	Prof.	Rainer	Volkamer	Mon	28-Aug	13h30	2.61 - 2.63
M01	509	Ocean ventilation changes and impact on oxygen and anthropogenic carbon distributions in the North Atlantic	Prof.	Monika	Rhein	Mon	28-Aug	14h00	2.61 - 2.63
M01	583	Photosensitized chemistry at the air/sea interface: Biology vs Chemistry	Dr.	Christian	George	Mon	28-Aug	14h30	2.61 - 2.63
M01	1365	Human driven changes in the marine atmosphere and in the nutrient deposition to the global ocean. A tribute to R. von Glasow	Prof.	Maria	Kanakidou	Tues	29-Aug	13h30	Roof Terrace
M01	1267	Contribution of marine aerosols to the total columnar aerosol loading over Ascension Island	Dr.	Joseph	Adesina	Tues	29-Aug	14h00	Roof Terrace
M01	1193	Aircraft observations of sulfur dioxide transport to the UTLS from major source regions	Dr.	Hans	Schlager	Tues	29-Aug	14h15	Roof Terrace
M01	184	Origin of the seasonal cycle of columnar methane observed by GOSAT over South Asia	Prof.	Sachiko	Hayashida	Tues	29-Aug	15h30	Roof Terrace
M01	381	The Stratosphere-Troposphere processes and their role in Climate (SPARC) Project	Dr.	Fiona	Tummon	Tues	29-Aug	16h00	Roof Terrace
M01	319	(AC) ³ : A German initiative to study Arctic Amplification	Mr.	Manfred	Wendisch	Wed	30-Aug	08h30	Roof Terrace
M01	493	Achievements of the EMRP project ATMOZ Traceability for atmospheric total column ozone	Dr.	Luca	Egli	Wed	30-Aug	09h00	Roof Terrace
M01	594	Measurement and Modeling of Aerosols in Taiwan	Dr.	Charles	Chou	Wed	30-Aug	09h15	Roof Terrace
M01	79	Contamination of Air, Dust and Sediment with Polycyclic Aromatic Hydrocarbons	Dr.	Khageshwar Singh	Patel	Wed	30-Aug	09h45	Roof Terrace
M01	667	Spatial, temporal and source contribution assessments of BC over the northern interior of South Africa	Prof.	Johan Paul	Beukes	Wed	30-Aug	10h30	Roof Terrace

M01	1351	Chemistry and Physics of the Atmosphere over Eastern US: Air Quality Success Stories	Prof.	Russell	Dickerson	Wed	30-Aug	11h00	Roof Terrace
M01	1282	Identification of emission and climatological factors shaping Hong Kong's PM10 levels during 1998-2015	Prof.	Zibing	Yuan	Wed	30-Aug	11h30	Roof Terrace
M01	1488	Inverse Relations of PM2.5 and O3 in Air Compound Pollution between Cold and Hot Seasons over an Urban Area of East China	Prof.	Tianliang	Zhao	Wed	30-Aug	11h45	Roof Terrace
M01	901	Biomass burning and multi-scale transport over Southeast Asia and Southern China: mixing of the biomass and urban plumes	Dr.	Jason	Cohen	Wed	30-Aug	13h30	Roof Terrace
M01	1109	Detection of biomass burning plume for aerosol remote sensing: potential application to the Arctic regions	Mrs.	Soheila	Jafariserajehlou	Wed	30-Aug	13h45	Roof Terrace
M01	450	Quantitative analysis of airborne remote sensing and in-situ observations of complex CH ₄ (and CO ₂) sources	Mr.	Sven	Krautwurst	Wed	30-Aug	14h00	Roof Terrace
M01	1495	CoMet: The Carbon Dioxide and Methane Mission for HALO	Dr.	Anke	Roiger	Wed	30-Aug	14h15	Roof Terrace
M01	1237	Quantifying source contribution to indoor particulate matter in low-income settlement in South Africa	Miss.	Brigitte	Language	Wed	30-Aug	14h30	Roof Terrace
M01	846	Air Pollution in Megacity Beijing and North China plain	Prof.	Tong	Zhu	Wed	30-Aug	15h30	2.61 - 2.63
M01	280	Evolution of air quality in Santiago, Chile: A 30 years perspective	Dr.	Laura	Gallardo	Wed	30-Aug	16h00	2.61 - 2.63
M01	654	Precipitation chemistry and wet deposition in the interior of South Africa	Dr.	Pieter	van Zyl	Wed	30-Aug	16h30	2.61 - 2.63
M01	627	How well do we know surface emissions of atmospheric pollutants	Dr.	Claire	Granier	Thurs	31-Aug	08h30	Roof Terrace
M01	497	Finding the right seeding aerosol for Arctic winter cirrus cloud thinning	Dr.	Isabelle	Steinke	Thurs	31-Aug	09h00	Roof Terrace
M01	1284	A low tech approach to carbon sequestration	Prof.	David	Eichler	Thurs	31-Aug	09h15	Roof Terrace
M01	783	Air Pollution: A Global Environmental Problem with Important Health Consequences	Dr.	Claire	Granier	Thurs	31-Aug	09h30	Roof Terrace
M01	1088	Source apportionment of air pollutants at multiple Highveld Townships in South Africa - Implications for air quality management and human health	Prof.	Stuart	Piketh	Thurs	31-Aug	15h30	2.61 - 2.63

M01	554	Atmospheric Chemistry Research and International Collaborations: Challenges facing the International Global Atmospheric Chemistry (IGAC) Project	Dr.	Hiroshi	Tanimoto	Thurs	31-Aug	16h00	2.61 - 2.63
M01	557	Simulation of the cross-border transports and horizontal high-resolution distributions of aerosols in Fukuoka, Japan: Towards the predictions for health care	Dr.	Takeshi	Kuroda	Thurs	31-Aug	16h30	2.61 - 2.63
M01	1239	Influence of stratospheric ozone in the troposphere of southern Africa: Wavelet Approach	Dr.	Nkanyiso	Mbatha	Thurs	31-Aug	16h45	2.61 - 2.63

M01	458	Past, Present and Future of Tropospheric Ozone in Asia	Dr.	Hiroshi	Tanimoto	Fri	1-Sep	08h30	Roof Terrace
M01	1468	Ozone measurements for the Australian region, past, present and future	Dr.	Robyn	Schofield	Fri	1-Sep	09h00	Roof Terrace
M01	378	Diagnosing changes in free tropospheric ozone over Europe: A model study	Dr.	Fiona	Tummon	Fri	1-Sep	09h30	Roof Terrace
M01	1015	Long-term changes of regional ozone in China: implications for health and ecosystem impacts	Prof.	Xiaobin	Xu	Fri	1-Sep	09h45	Roof Terrace

M01	1509	Mortality and burden of disease from outdoor air pollution on a global scale	Prof.	Jos	Lelieveld	Fri	1-Sep	10h30	Roof Terrace
M01	825	Sensitivity study of synergetic retrieval of tropospheric ozone profile using ultraviolet, infrared and microwave measurements from space	Dr.	Tomohiro	Sato	Fri	1-Sep	11h00	Roof Terrace
M01	819	OSIRIS: Ozone, stratospheric aerosol and nitrogen dioxide profiles since the autumn of 2001	Prof.	Doug	Degenstein	Fri	1-Sep	11h15	Roof Terrace
M01	1140	Trace atmospheric gases, retrieved from the measurements of GOME, SCIAMACHY and GOME-2	Prof.	John P.	Burrows	Fri	1-Sep	11h30	Roof Terrace

M01	1315	Long-Term, Episodic and Quasi-periodic Carbon Monoxide Pollution Events from the MOPITT Dataset	Prof.	James	Drummond	Fri	1-Sep	13h30	Roof Terrace
M01	697	Spectral snow albedo measurements at a high Alpine experimental site in Davos Switzerland	Dr.	Luca	Egli	Fri	1-Sep	14h00	Roof Terrace
M01	1097	Atmospheric deposition of Sulphur and Nitrogen over the Eastern portion of South Africa	Mr.	Mpho	Mompati	Fri	1-Sep	14h15	Roof Terrace
M01	1408	Phytotoxic assessment of sulfur dioxide and ozone on four major crops in Mpumalanga, South Africa	Dr.	Rebecca	Garland	Fri	1-Sep	14h30	Roof Terrace

JM3 - Thunderstorm Coupling To The Upper Atmosphere
M02 - Recent development of lightning and thunderstorm detection networks and their applications in meteorology
M03 - Lightning discharges and Transient Luminous Events: Characteristics, Physics and applications

Session ID	Abstract ID	Abstract Title	Title	Author First Name	Author Last Name	Date		Time	Venue
JM3 M02 M03	355	A tentative analysis on lightning heating effect duration based on a case observed with a ground-based microwave radiometer	Mr.	Zhenhui	Wang	Fri	1-Sep	08h30	1.61
JM3 M02 M03	201	Climatological characteristics and spatio-temporal correspondence of lightning and precipitation over the Qinghai-Tibet Plateau	Dr.	Yijun	Zhang	Fri	1-Sep	08h45	1.61
JM3 M02 M03	463	Predicting the number and area of thunderstorms over Africa using WWLLN data	Prof.	Colin	Price	Fri	1-Sep	09h00	1.61
JM3 M02 M03	558	Three-dimension Lightning Location Based on Low-frequency Electric Field Change and Preliminary Results	Prof.	Dong	Zheng	Fri	1-Sep	09h15	1.61
JM3 M02 M03	1242	The SAETTA-LMA network: from individual flashes to 3-year lightning climatology in Corsica	Dr.	Eric	Defer	Fri	1-Sep	09h30	1.61
JM3 M02 M03	1447	Characterizing a Network, Location Accuracy and Detection Efficiency of the ENTLN	Dr.	Michael	Stock	Fri	1-Sep	09h45	1.61

JM3 M02 M03	455	A Synergic Approach to the Study of TGFs and Energetic Radiation from Thunderstorms	Prof.	Nikolai	Ostgaard	Fri	1-Sep	10h30	1.61
JM3 M02 M03	684	Upward connecting leader behavior during lightning attachment process	Dr.	Marcelo	Saba	Fri	1-Sep	10h45	1.61
JM3 M02 M03	934	Variability in lightning NO _x production rates due to regional U.S. differences in lightning type and polarity	Dr.	Jeff	Lapierre	Fri	1-Sep	11h00	1.61
JM3 M02 M03	659	On the validity of the global Earth-ionosphere spherical capacitor concept	Prof.	Christos	Haldoupis	Fri	1-Sep	11h15	1.61

M04 - Past Climate Changes: a key for the future

Session ID	Abstract ID	Abstract Title	Title	Author First Name	Author Last Name	Date		Time	Venue
M04	522	Terrestrial rock weathering and the carbon cycle in the UVic Earth System Climate Model (ESCM): Applications to past and future climates	Prof.	Lawrence	Mysak	Wed	30-Aug	15h30	1.62
M04	105	Robust widening of the Hadley cell from the Last Glacial Maximum (LGM) to the future climate	Dr.	Seok-Woo	Son	Wed	30-Aug	16h00	1.62
M04	316	Wetter subtropics in a warmer world: contrasting past and future hydrological cycles	Dr.	Natalie	Burls	Wed	30-Aug	16h15	1.62
M04	267	Modelling interglacial climate response to insolation and CO ₂ during the past 800,000 years	Dr.	Qiuzhen	Yin	Wed	30-Aug	16h30	1.62
M04	Discussion					Wed	30-Aug	16h45	1.62
M04	1128	Possible historical analogs to future African climates	Prof.	Sharon	Nicholson	Thurs	31-Aug	08h30	1.43
M04	1426	Seasonality over southern Africa during the Last Glacial Maximum	Dr.	Francois	Engelbrecht	Thurs	31-Aug	09h00	1.43
M04	191	Holocene temperature evolution in the Northern Hemisphere high latitudes - model-data comparisons	Ms.	Yurui	Zhang	Thurs	31-Aug	09h15	1.43
M04	57	Rainfall elasticity of the main river discharges in La Plata basin	Dr.	Carla	Gulizia	Thurs	31-Aug	09h30	1.43
M04	Discussion					Thurs	31-Aug	09h45	1.43
M04	1397	Tropical impact on migration and health of Greenland partial melting	Mr.	Gilles	Ramstein	Thurs	31-Aug	10h30	1.43
M04	1510	Human environment interaction during the mid-Holocene in Eastern South America : Reassessing the "ARCHAIC GAP"	Dr.	Astolfo	Araujo	Thurs	31-Aug	11h00	1.43
M04	413	A new classification of large-scale climate regimes around the Tibetan Plateau based on seasonal moisture transport patterns	Prof.	Xin-Gang	Dai	Thurs	31-Aug	11h15	1.43
M04	1295	Towards reconstructing past surface solar radiation from tree-ring C13 records in Europe	Prof.	Eduardo	Zorita	Thurs	31-Aug	11h30	1.43
M04	Discussion					Thurs	31-Aug	11h45	1.43

M05 - Aerosol-cloud session

Session ID	Abstract ID	Abstract Title	Title	Author First Name	Author Last Name	Date		Time	Venue
M05	972	Land versus ocean production of ice nucleating particles and potential for cold cloud influences	Dr.	Paul	DeMott	Mon	28-Aug	08h30	1.44
M05	32	Measurements and Parameterization of Atmospheric Ice Nuclei in Different Background Regions in China	Dr.	Yan	Yin	Mon	28-Aug	09h00	1.44
M05	771	Parameterizations of ice formation in tropospheric clouds based on AIDA experiments	Dr.	Ottmar	Möhler	Mon	28-Aug	09h15	1.44
M05	402	In-Cloud Electric Charge Modulated Scavenging Affecting Contact and Immersion Ice Nucleation: Parameterized Simulations for Modelling Observed Responses	Prof.	Brian	Tinsley	Mon	28-Aug	09h30	1.44
M05	679	Simulation of the Ice Nuclei Particles (INP) concentration observed over the Canadian Arctic during the summers of 2014 and 2016.	Mr.	Eric	Girard	Mon	28-Aug	09h45	1.44
M05	398	Aerosol/Cloud interactions and the effects on droplet size distribution, the onset of coalescence and ice processes in convective clouds	Dr.	Roelof	Bruintjes	Mon	28-Aug	10h30	1.44
M05	910	Cloud processing of aerosol particles in marine stratocumulus clouds	Prof.	Andrea	Flossmann	Mon	28-Aug	11h00	1.44
M05	1137	Climate impact of anthropogenic aerosols on cirrus clouds	Prof.	Joyce	Penner	Mon	28-Aug	11h15	1.44
M05	1398	Sensitivity of simulated stratocumulus clouds in southern Africa to aerosol particle characteristics	Dr.	Rebecca	Garland	Mon	28-Aug	11h30	1.44
M05	281	How often are biomass burning aerosols mixing into the Namibian stratocumulus deck? Initial results from year 1 of the ORACLES field campaign.	Mr.	Michael	Diamond	Mon	28-Aug	11h45	1.44
M05	1154	Microphysical and dynamical signatures in cloud-top phase distributions of deep convective clouds	Dr.	Corinna	Hoose	Tues	29-Aug	08h30	1.44
M05	1166	Changes in deep convective cloud properties due to forest fire aerosols in the summer of 2012	Ms.	Azusa	Takeishi	Tues	29-Aug	09h00	1.44
M05	1335	Contrasts of cloud microphysical relationships between the dry and wet seasons in Amazon measured during the GoAmazon campaign	Prof.	Seong Soo	Yum	Tues	29-Aug	09h15	1.44
M05	1419	The Microphysical Processing and Transport of Dust by Tropical Cyclones	Prof.	Susan	van den Heever	Tues	29-Aug	09h30	1.44
M05	1023	The interaction between aerosol particles, cloud and precipitation during the HyMeX IOP7a event	Mr.	Wolfram	Wobrock	Tues	29-Aug	09h45	1.44

M05	525	Balloon-borne measurements of aerosol size distributions using the Universal Cloud and Aerosol Sounding System (UCASS) during the ICE-D campaign	Dr.	Helen	Smith	Tues	29-Aug	10h30	1.44
M05	563	The ground-based observation of aerosol optical properties from the China Aerosol Remote Sensing Network (CARSNET)	Prof.	Huizheng	Che	Tues	29-Aug	10h45	1.44
M05	1489	Aerosol decreases in recent years over the Sichuan Basin, China: A perspective from MODIS observations	Prof.	Xiaobo	Zheng	Tues	29-Aug	11h00	1.44
M05	218	The effective radiative forcing of partial internally and externally mixed aerosols and their effects on global climate	Prof.	Hua	Zhang	Tues	29-Aug	11h15	1.44
M05	1354	Investigation of the optical properties of aerosol particles in a super-ellipsoidal shape space	Dr.	Lei	Bi	Tues	29-Aug	11h30	1.44
M05	147	Size change of dust particles and their settling to the ocean influenced by sea salt and sulfate in marine near surface air	Dr.	Daizhou	Zhang	Tues	29-Aug	11h45	1.44
M05	441	Linear depolarization ratio of varied ice crystal habits: lessons from laboratory measurements and Ray Tracing simulations	Prof.	Ann	Webb	Tues	29-Aug	12h00	1.44

M05	764	Effects of the surface heat flux on the cloud development and behavior over the Tibetan Plateau in boreal summer	Dr.	Jinghua	Chen	Tues	29-Aug	13h30	1.44
M05	569	Effects of Entrainment-Mixing Processes on Relative Dispersions of Cloud Droplet Size Distributions	Mr.	Chunsong	Lu	Tues	29-Aug	13h45	1.44
M05	765	Aircraft measurements of aerosol spatial distribution and relation with cloud over Eastern China	Dr.	Jian	Hao	Tues	29-Aug	14h00	1.44
M05	1317	A missed sea salt aerosol (SSA) CCN source from the sea ice covered zone	Dr.	Xin	Yang	Tues	29-Aug	14h15	1.44
M05	909	Modelling of water isotope ratios in a 1.5D bin-resolved cloud microphysics model	Prof.	Andrea	Flossmann	Tues	29-Aug	14h30	1.44

M08 - Advances in Atmospheric Dynamics

Session ID	Abstract ID	Abstract Title	Title	Author First Name	Author Last Name	Date		Time	Venue
M08	1385	The North Atlantic Waveguide and Downstream Impact Experiment (NAWDEX)	Prof.	George	Craig	Fri	1-Sep	08h30	1.44
M08	1363	A preliminary climatology of surface cyclones associated with upper-levels potential vorticity anomaly over South America	Ms.	Natolia	Machado Crespo	Fri	1-Sep	09h00	1.44
M08	534	Beyond Warm and Cold: An Objective Classification for Maritime Mid-Latitude Fronts	Dr.	Clemens	Spensberger	Fri	1-Sep	09h15	1.44

M08	178	Generation and backreaction of spontaneously emitted inertia-gravity waves	Dr.	Norihiko	Sugimoto	Fri	1-Sep	09h30	1.44
M08	232	Understanding the spatial and temporal variability of atmospheric heat transport in a hierarchy of models	Dr.	Gabriele	Messori	Fri	1-Sep	09h45	1.44
M08	981	Will storm tracks shift poleward under climate change?	Prof.	Theodore G.	Shepherd	Fri	1-Sep	10h30	1.44
M08	1370	Projected Changes in South Atlantic Cyclones in a Warmer World using HadGEM2-ES	Mrs.	Carolina	Barnez Gramcianinov	Fri	1-Sep	11h00	1.44
M08	1096	North Atlantic storm tracks: static stability and the role of tropical-extratropical interactions	Dr.	Cheikh	Mbengue	Fri	1-Sep	11h15	1.44
M08	209	The modulation of stationary waves, and their response to climate change by parameterized orographic drag	Miss.	Annelize	van Niekerk	Fri	1-Sep	11h30	1.44
M08	361	Daily to decadal modulation of jet variability	Dr.	Tim	Woollings	Fri	1-Sep	11h45	1.44
M08	1236	Dynamics of Rossby Waves and Heat Waves in the Australian Region	Prof.	Michael	Reeder	Fri	1-Sep	13h30	1.44
M08	685	Sources of forecast error in the short-term prediction of drought in the United Kingdom	Dr.	Tess	Parker	Fri	1-Sep	14h00	1.44
M08	775	Finite amplitude wave activity versus enstrophy: Budget equations for error growth in a barotropic model framework	Prof.	Volkmar	Wirth	Fri	1-Sep	14h15	1.44
M08	829	Global view of polar cold air outbreaks in isentropic analysis	Prof.	Toshiki	Iwasaki	Fri	1-Sep	15h30	1.44
M08	978	Polar-tropical coupling in the winter stratosphere	Dr.	Richard	Scott	Fri	1-Sep	15h45	1.44
M08	1256	Equatorial superrotation at Earth's surface	Prof.	Rodrigo	Caballero	Fri	1-Sep	16h00	1.44
M08	72	Helicity in Atmospheric Dynamics	Dr.	Michael	Kurgansky	Fri	1-Sep	16h15	1.44
M08	175	Semibalance Model in Terrain-Following Coordinates	Dr.	Jie	Cao	Fri	1-Sep	16h30	1.44
M08	1416	The weak temperature gradient approximation in midlatitudes	Prof.	George	Craig	Fri	1-Sep	16h45	1.44

M09 - Dynamics of Mountain Weather and Climate: Observations, Modeling and Prediction at All Scales
M19 - Precipitation at all scales

Session ID	Abstract ID	Abstract Title	Title	Author First Name	Author Last Name	Date		Time	Venue
M09 M19	115	The causes of foehn warming in the lee of mountains	Prof	Ian	Renfrew	Wed	30-Aug	10h30	1.61
M09 M19	198	Impact of Surface Sensible Heating over the Tibetan Plateau on the Western Pacific Subtropical High: a Land-Air-Sea Interaction Perspective	Prof	Anmin	Duan	Wed	30-Aug	11h00	1.61
M09 M19	536	Front-orography interactions during the landfall of the New Year Day's Storm 1992	Dr.	Clemens	Spensberger	Wed	30-Aug	11h15	1.61
M09 M19	1290	Simulating the influence of topography on cut off lows over Southern Africa	Ms	Sabina	Abba Omar	Wed	30-Aug	11h30	1.61
M09 M19	1362	Modelling rainfall at high resolutions over the eastern escarpment of South Africa	Mr	Zane	Dedekind	Wed	30-Aug	11h45	1.61
M09 M19	1390	Mountain waves and cloud bands: a long research tradition framed by the case studies of 21 May 1937 and 1 February 2014	Dr	Hans	Volkert	Wed	30-Aug	13h30	1.61
M09 M19	1113	Interannual Variations of Summer Precipitation in eastern China and related to the SST Anomalies in the East China Sea	Prof	Rongshuo	Cai	Wed	30-Aug	14h00	1.61
M09 M19	580	Impacts of Boreal Summer Intraseasonal Oscillation on the Western North Pacific Typhoons and Rainfall in Taiwan	Prof	Chih-wen	Hung	Wed	30-Aug	14h15	1.61
M09 M19	579	Projection of Future Winter Rainfall in Taiwan during the Late 21st Century	Mr	Ho-Jiunn	Lin	Wed	30-Aug	14h30	1.61
M09 M19	715	Northern Eurasia precipitation extremes from different datasets across space-time scales	Prof	Olga	Zolina	Wed	30-Aug	14h45	1.61
M09 M19	173	The adjoint sensitivity of heavy rainfall to initial conditions in debris flow areas in China	Dr	Feifan	Zhou	Wed	30-Aug	15h30	1.61
M09 M19	1301	Effect of resolution on the simulation of rainfall using the Conformal Cubic Atmospheric Model	Dr	Mary-Jane	Bopape	Wed	30-Aug	15h45	1.61
M09 M19	409	Impact of resolution on the representation of precipitation variability associated with the ITCZ	Mr	Marc	De Benedetti	Wed	30-Aug	16h00	1.61
M09 M19	416	Wintertime Precipitation over the Australian Snowy Mountains: Evaluation of a Regional Forecast Model using High-density Ground-based Observations	Dr	Yi	Huang	Wed	30-Aug	16h15	1.61

M09 M19	377	Sensitivity of simulated summer monsoonal precipitation in Langtang Valley, Himalaya to cloud microphysics schemes in WRF	Dr	Andrew	Orr	Wed	30-Aug	16h30	1.61
M09 M19	1413	Impacts of Convective Triggering on the Coupling of Convection and Diurnal Propagating Systems over the Southern Great Plains in CAM5	Dr	Yi-Chi	Wang	Wed	30-Aug	16h45	1.61

M10 - Tropical Circulation Systems

Session ID	Abstract ID	Abstract Title	Title	Author First Name	Author Last Name	Date		Time	Venue
M10	357	The role of ocean warm eddy on rapid intensification of Super-typhoon Rammasun (2014)	Mr.	Qinbo	Cai	Thurs	31-Aug	08h30	1.44
M10	774	Intraseasonal Oscillation Enhances C5 Typhoon Occurrence over the Tropical Western North Pacific	Dr.	Huang-Hsiung	Hsu	Thurs	31-Aug	08h45	1.44
M10	1343	Key features of named subtropical cyclones over the southwestern South Atlantic Ocean	Prof.	Rosmeri	Porfi-rio da Rocha	Thurs	31-Aug	09h00	1.44
M10	495	Vertical structure of Western Disturbances in the subtropical jetstream and mechanisms associated with extreme rainfall in South Asia	Dr.	Kieran	Hunt	Thurs	31-Aug	09h15	1.44
M10	444	Vorticity budgets of tropical intraseasonal oscillations	Prof.	Adrian	Matthews	Thurs	31-Aug	09h30	1.44
M10	1266	Gravity waves in a moist atmosphere: A mechanistic picture	Mr.	Nili	Harnik	Thurs	31-Aug	09h45	1.44

M10	1386	Convective outbreaks over southern Africa and the regional circulation	Dr.	Neil	Hart	Thurs	31-Aug	10h30	1.44
M10	1130	The seasonal cycle over equatorial Africa	Prof.	Sharon	Nicholson	Thurs	31-Aug	10h45	1.44
M10	1025	On the vertical structure of IWC and 3D wind in deep tropical convection observed during the HIWC-HAIC-experiment at Darwin	Mr.	Wolfram	Wobrock	Thurs	31-Aug	11h00	1.44
M10	278	Impact of Atmospheric Blocking on South America in Austral Summer	Dr.	Regina	Rodrigues	Thurs	31-Aug	11h15	1.44
M10	713	Tropical Precipitation Variability In the FGOALS-f High-resolution Coupled Climate Model	Dr.	Qing	Bao	Thurs	31-Aug	11h30	1.44

M11 - The Seasonal Cycle over the African Continent and Adjoining Oceans, Today and in the Past

Session ID	Abstract ID	Abstract Title	Title	Author First Name	Author Last Name	Date		Time	Venue
M11	1272	The annual cycle of rainfall in South Africa and its variability	Prof.	Mathieu	Rouault	Thurs	31-Aug	08h30	1.64
M11	117	The onset and cessation of seasonal rainfall over Africa	Miss.	Caroline	Dunning	Thurs	31-Aug	09h00	1.64
M11	1401	How is the seasonal cycle of tropical-extratropical cloud bands in the SICZ perturbed?	Dr.	Neil	Hart	Thurs	31-Aug	09h15	1.64
M11	604	Recent changes in the South Atlantic anticyclone and impacts on regional wind patterns	Dr.	Ross	Blamey	Thurs	31-Aug	09h30	1.64
M11	1442	The ACCESS Annual Cycle and Seasonality (ACyS) Project	Dr.	Neville	Sweijd	Thurs	31-Aug	09h45	1.64

M11	698	The Seasonal Cycle of the Angola Low	Ms.	Emma	Howard	Thurs	31-Aug	10h30	1.64
M11	1207	On the seasonal cycle of the structure of the large-scale circulation over central Africa and its adjacent Oceans	Dr.	Georges-Noel T.	Longandjo	Thurs	31-Aug	10h45	1.64
M11	1469	How well do climate models simulate the seasonal cycle over Africa?	Dr.	Rachel	James	Thurs	31-Aug	11h00	1.64
M11	231	The annual cycle of ocean to atmosphere turbulent flux of moisture in the Agulhas current system	Miss.	Arielle Stela	Nkwinkwa Njouodo	Thurs	31-Aug	11h15	1.64
M11	1437	20th-Century Climate Change over Africa: Seasonal Variation in Hydroclimate Trends and Sahara Extent	Prof.	Sumant	Nigam	Thurs	31-Aug	11h30	1.64

M12 - Middle Atmosphere Symposium (ICMA)

Session ID	Abstract ID	Abstract Title	Title	Author First Name	Author Last Name	Date		Time	Venue
M12	77	Future changes in large-scale tracer transport in the upper troposphere and lower stratosphere (UTLS)	Dr.	Marta	Abalos	Mon	28-Aug	13h30	1.62
M12	96	Decadal changes of age of air, tracers, ozone, and ozone-depleting substances, and their link to stratospheric circulation changes	Dr.	Gabriele	Stiller	Mon	28-Aug	14h00	1.62
M12	148	Another Approach to Stratospheric Circulation: The Direct Inversion of the Continuity Equation	Dr.	Thomas	von Clarmann	Mon	28-Aug	14h15	1.62
M12	1474	The importance of coupling between circulation, temperature, and radiative species for the tropical lower stratosphere	Ms.	Amanda	Maycock	Mon	28-Aug	14h30	1.62

M12	669	Contribution of gravity waves to the mean meridional circulation and momentum budget in the middle atmosphere	Prof.	Kaoru	Sato	Wed	30-Aug	08h45	1.62
M12	514	Effect of gravity waves from small islands in the Southern Ocean on the Southern Hemisphere atmospheric circulation	Dr.	Chaim	Garfinkel	Wed	30-Aug	09h15	1.62
M12	216	A study of gravity waves having quasi-inertial frequency in the Antarctic troposphere and lower stratosphere observed by the PANSY radar	Mr.	Yuichi	Minamihara	Wed	30-Aug	09h30	1.62
M12	1033	Investigation of the filtering effect of gravity waves by planetary waves based on a three decadal time series of mesopause temperatures at mid-latitudes	Mr.	René	Sedlak	Wed	30-Aug	09h45	1.62

M12	975	Regional Variability in Tropical Precipitation and Gravity Waves, and Relation to Circulation in the Upper Troposphere and Stratosphere	Mr.	M. Joan	Alexander	Wed	30-Aug	10h30	1.62
M12	161	Stratospheric Influence on Moist Convection in a Minimal Model of QBO-like Oscillation	Prof.	Shigeo	Yoden	Wed	30-Aug	11h00	1.62
M12	568	Dynamical Features and Minor Constituent Changes Related to the Anomalous QBO Phase Transition in 2016	Prof.	Toshihiko	Hirooka	Wed	30-Aug	11h15	1.62
M12	742	Interannual variability of the semi-annual oscillation in middle atmosphere tropical zonal winds	Mr.	Anne	Smith	Wed	30-Aug	11h30	1.62
M12	936	Signatures of gravity waves, acoustic-gravity waves, and infrasonic signals derived from OH-Airglow by means of the Fast Airglow IMager, FAIM	Prof.	Michael	Bittner	Wed	30-Aug	11h45	1.62

M12	459	How does interhemispheric coupling respond to the solar cycle signal?	Dr.	Bodil	Karlsson	Wed	30-Aug	13h30	1.62
M12	1012	Mitigation of global cooling by stratospheric chemistry feedbacks in a simulation of the Last Glacial Maximum	Dr.	Satoshi	Noda	Wed	30-Aug	14h00	1.62
M12	1357	Rossby wave breaking in the Southern Hemisphere dynamical tropopause: Variability, ozone depletion impact and links to cut off low pressure systems	Dr.	Thando	Ndarana	Wed	30-Aug	14h15	1.62
M12	1114	Fine vertical structure of the Antarctic tropopause region in winter of 2016 obtained by balloonborne ozone and water vapor observations	Dr.	Yoshihiro	Tomikawa	Wed	30-Aug	14h45	1.62

M12	653	Influence of Eurasian Snow Extent on the Northern extratropical stratosphere in a QBO resolving model	Dr.	Alexey Yu.	Karpechko	Thurs	31-Aug	08h30	1.62
M12	104	Does stratospheric sudden warming occur more frequently during ENSO winters than during ENSO-neutral winters?	Dr.	Seok-Woo	Son	Thurs	31-Aug	09h00	1.62

M12	383	The Downward Influence of Stratospheric Sudden Warmings	Dr.	Ian	White	Thurs	31-Aug	09h15	1.62
M12	208	Simultaneous Observations of Noctilucent Clouds and Mesospheric Summer Echoes at a mid-latitude site (Kahlungsborn/Germany, 54°N)	Dr.	Michael	Gerding	Thurs	31-Aug	09h30	1.62
M12	816	Towards the coupling between stratosphere and troposphere during major warming events with strong polar-night jet oscillations	Dr.	Dieter H.W.	Peters	Thurs	31-Aug	09h45	1.62

M12	1235	A synoptic wave-pulse view of the influence of planetary waves on the stratospheric vortex, polar ozone, the midlatitude effect of the QBO, and ozone waves.	Mr.	Nili	Harnik	Thurs	31-Aug	10h30	1.62
M12	848	Arctic Amplification of Stratospheric Variability	Prof.	Mark	Baldwin	Thurs	31-Aug	11h00	1.62
M12	1085	Stratospheric circulation response to global warming	Mr.	Tobias	Haufschild	Thurs	31-Aug	11h30	1.62

M12	921	Variability of Downward Wave Coupling under Natural and Climate Change Conditions	Prof.	Katja	Matthes	Fri	1-Sep	10h30	1.62
M12	207	Transient stratospheric circulation changes in a grand ensemble of idealized CO ₂ increase experiments	Dr.	Elisa	Manzini	Fri	1-Sep	11h00	1.62
M12	529	Significant contributions of volcanic aerosols to decadal changes in the stratospheric circulation	Dr.	Mohamadou	Diallo	Fri	1-Sep	11h15	1.62
M12	871	The CCMI ozone forcing database in support of CMIP6 (1850-2100)	Dr.	Michaela	Hegglin	Fri	1-Sep	11h30	1.62
M12	732	SANOMA- applications of an empirical model of nitric oxide in the upper mesosphere and lower thermosphere	Mr.	Joonas	Kiviranta	Fri	1-Sep	11h45	1.62

M14 - Vertical Atmospheric Coupling the Polar Atmosphere

Session ID	Abstract ID	Abstract Title	Title	Author First Name	Author Last Name	Date	Time	Venue	
M14	483	Observation of OH-airglow from ground, aircraft, and satellite: investigation of different wave types	Dr.	Sabine	Wust	Fri	1-Sep	08h30	1.62
M14	488	Understanding interhemispheric differences in NLC variability	Ms.	Maartje	Kuilman	Fri	1-Sep	08h45	1.62
M14	644	Turbulence measurements with LITOS during a multi scale gravity wave event at polar latitudes	Mr.	Jens	Söder	Fri	1-Sep	09h00	1.62

M14	1200	Comparison of Mesospheric Wave Activities at South Pole, and ALOMAR, Norway (69°N)	Dr.	Yucheng	Zhao	Fri	1-Sep	09h15	1.62
M14	1467	Variability of wind and airglow irradiance above Eureka, Nunavut	Prof.	William	Ward	Fri	1-Sep	09h30	1.62
M14	681	The South Georgia Gravity Wave Experiment (SG-WEX): investigating the small island problem	Dr.	Tracy	Moffat-Griffin	Fri	1-Sep	09h45	1.62

M15 - Energy balance of the Earth

Session ID	Abstract ID	Abstract Title	Title	Author First Name	Author Last Name	Date		Time	Venue
M15	919	Effects of aerosol and clouds on the atmospheric energy budget	Dr.	Stefan	Kinne	Tues	29-Aug	08h30	1.62
M15	1188	Impact of biomass burning aerosol layers on the underlying cloud radiative effects in the South East Atlantic	Dr.	Samuel	LeBlanc	Tues	29-Aug	08h45	1.62
M15	543	Radiative impacts of the seasonal variability of clouds over the Amazon Basin	Dr.	Elisa	Sena	Tues	29-Aug	09h00	1.62

M15	867	The contribution of greenhouse gases to the recent slowdown in global mean temperature trends	Dr.	Michaela	Hegglin	Tues	29-Aug	10h30	1.62
M15	1127	Assessment of the direct radiative effect of the 2017 Chilean wildfire smoke plume	Dr.	Piet	Stammes	Tues	29-Aug	11h00	1.62
M15	682	Influence of the land-atmosphere coupling on cloud development and precipitation over Southeastern Brazil	Ms.	Daniela	Rodrigues	Tues	29-Aug	11h15	1.62

M15	210	Variations in the Earth color and brightness as observed by DSCOVR/EPIC	Dr.	Alexander	Marshak	Tues	29-Aug	15h30	1.62
M15	502	First light measurements of the Total Solar Irradiance experiment CLARA on NORSAT-1	Prof.	Werner	Schmutz	Tues	29-Aug	15h45	1.62
M15	519	Climate Monitoring from the International Space Station: TSIS and CLARREO Pathfinder	Prof.	Peter	Pilewskie	Tues	29-Aug	16h15	1.62

M16 - Resilience: The science of Adapting to Climate Change

Session ID	Abstract ID	Abstract Title	Title	Author First Name	Author Last Name	Date		Time	Venue
M16	195	California: It's Complicated: A Case Study of the San Joaquin Valley	Dr.	Gillisann	Harootunian	Mon	28-Aug	13h30	1.44
M16	122	Loss and Damage and Limits to Adaptation: Case Study from the Philippines	Dr.	Ebinezer	Florano	Mon	28-Aug	13h50	1.44
M16	993	Forecast Based Financing and Climate Change Adaptation: exploring lessons learnt from Uganda	Mr.	Wasswa Eddie	Jjemba	Mon	28-Aug	14h10	1.44
M16	73	Enhancing The Resilience of Farmers In Dryland Ecosystem Against Water Droughts And Land Degradation In Semi-Arid Region Of Pakistan	Mr.	Sahibzada Irfanullah	Khan	Mon	28-Aug	14h30	1.44
M16	869	State of Climate Change Adaptation Policies and Negotiations	Dr.	Yousef	Mahid	Tues	29-Aug	08h30	1.63
M16	809	The Science of Adaptation to Extreme Heat	Mr.	Ethan	Coffel	Tues	29-Aug	08h50	1.63
M16	1520	Ethics, Social Capital and Climate Resilience	Dr.	Kerry	Bowman	Tues	29-Aug	09h10	1.63
M16	335	The progression of climate change, human rights and human mobility	Dr.	Cosmin	Corendea	Tues	29-Aug	09h30	1.63
M16	1008	Urban landscapes: How urbanization, climate change and the urban environment are shaping the Earth	Ms.	Julie	Greenwalt	Tues	29-Aug	10h30	1.63
M16	1453	Urban heat island and adaptation on climate change	Mr.	Tomas	Halenka	Tues	29-Aug	10h50	1.63
M16	362	Managing flood risk in the Thames Estuary: The Thames Estuary 2100 (TE2100) project, putting climate change adaptation into practice	Mr.	Darren	Lumbroso	Tues	29-Aug	11h10	1.63
M16	1409	Links between quality of housing, community based adaptation and climate change	Mr.	Runyararo Newton	Matandirotya	Tues	29-Aug	11h30	1.63
M16	1318	Social capital as a determinant of resilience: Implications for adaptation policy	Ms.	Siobhan	Kerr	Tues	29-Aug	13h30	1.61
M16	1368	Promoting innovative dialogue for Resilience: Evidence and Learning from BRACED	Ms.	Bettina	Koelle	Tues	29-Aug	13h50	1.61
M16	795	Climate Resilient City: Assessing the Adaptive Capacity of Coastal Communities of India	Mr.	Shailendra Kumar	Mandal	Tues	29-Aug	14h10	1.61

M16	853	Climate change, climate extremes and global food production and the need for adaptation in the agricultural sector	Ms.	Elisabeth	Vogel	Tues	29-Aug	14h30	1.61
M16	1420	Environmental, Agricultural and Health Impacts of Solar Geoengineering	Dr.	Christopher	Trisos	Tues	29-Aug	15h30	1.61
M16	926	Climate Resilient Development in Fragile Contexts	Dr.	Sarah	Henly-Shepard	Tues	29-Aug	15h50	1.61
M16	1269	What constitutes "success" in adaptation?	Dr.	Anand	Patwardhan	Tues	29-Aug	16h10	1.61
M16	67	Challenges in building climate resilient quality energy infrastructure in Africa	Dr.	Ashbindu	Singh	Tues	29-Aug	16h30	1.61
M16	984	The Need for Evidence and Intelligent Tinkering in Climate Change Adaptation	Dr.	Zinta	Zommers	Tues	29-Aug	16h50	1.61
M16	182	Community-based Climate Adaptation: Alaska Native Communities Design a Relocation Process to Protect Their Human Rights	Dr.	Robin	Bronen	Tues	29-Aug	17h10	1.61

M17 - High-impact Weather and Climate Extremes

Session ID	Abstract ID	Abstract Title	Title	Author First Name	Author Last Name	Date		Time	Venue
M17	979	Dynamical aspects of extreme event attribution	Prof.	Theodore G.	Shepherd	Mon	28-Aug	08h30	1.62
M17	1211	Temperature and Humidity Trends: Chasing the Global Warming around the United States	Prof.	Richard	Grotjahn	Mon	28-Aug	09h00	1.62
M17	235	HIWeather - predicting and warning weather-related hazards	Prof.	Brian	Golding	Mon	28-Aug	09h15	1.62
M17	1456	The prediction of heat waves over South Africa	Dr.	Christien	Engelbrecht	Mon	28-Aug	09h45	1.62
M17	1092	What are the characteristic drivers of marine heatwaves around the globe?	Dr.	Neil	Holbrook	Mon	28-Aug	10h30	1.62
M17	1209	Climate Models Simulation of California Heat Waves	Prof.	Richard	Grotjahn	Mon	28-Aug	10h45	1.62
M17	572	The role of land conditions on the 2016 heatwave in Korea	Dr.	Emilia Kyung	Jin	Mon	28-Aug	11h00	1.62
M17	233	Planetary and synoptic drivers of warm and cold wintertime extremes in the High Arctic	Dr.	Gabriele	Messori	Mon	28-Aug	11h15	1.62

M17	1053	Increasing Occurrence of Midwinter Warming Events at the North Pole	Prof.	G.W.K.	Moore	Mon	28-Aug	11h30	1.62
M17	1053	Increasing Occurrence of Midwinter Warming Events at the North Pole	Prof.	G.W.K.	Moore	Mon	28-Aug	11h30	1.62
M17	Discussion					Mon	28-Aug	11h45	1.62

M17	1213	A New Perspective on Increased Intensities of Atmospheric Disturbances: Trends in Weather-Timescale Fluctuations	Dr.	Pei-Chun	Hsu	Mon	28-Aug	13h30	1.63
M17	1068	The use of high-resolution climate models to investigate regional projections of tropical cyclone activity	Dr.	Kevin	Reed	Mon	28-Aug	13h45	1.63
M17	1074	How much rainfall extremes associated with tropical cyclones can be attributable to anthropogenic influences?	Prof.	Cheng-Ta	Chen	Mon	28-Aug	14h00	1.63
M17	890	Subtropical air masses in extratropical latitudes: Their links to extreme precipitation and extreme oceanic cyclogenesis	Prof.	John	Gyakum	Mon	28-Aug	14h15	1.63
M17	167	Dominant Role of Subtropical Pacific Warming in Extreme Eastern Pacific Hurricane Seasons: 2015 and the Future	Dr.	Hiroyuki	Murakami	Mon	28-Aug	14h30	1.63
M17	Discussion					Mon	28-Aug	14h45	1.63

M17	747	Understanding Regional Projections of Extreme Precipitation	Dr.	Xuebin	Zhang	Tues	29-Aug	13h30	1.63
M17	461	Improved representation of European precipitation in a 25-km atmospheric global circulation model	Dr.	Reinhard	Schiemann	Tues	29-Aug	13h45	1.63
M17	476	Complexity in estimating past and future extreme short-duration rainfall	Dr.	Xuebin	Zhang	Tues	29-Aug	14h00	1.63
M17	980	The challenge of correctly representing changes in regional precipitation extremes and droughts in climate models	Dr.	Prashant	Sardeshmukh	Tues	29-Aug	14h15	1.63
M17	19	Influence of quasi-biennial oscillation on the drought conditions and cereal crop yields in Ukraine	Dr.	Inna	Semenova	Tues	29-Aug	14h45	1.63

M17	1325	Extended-range prediction of high-impact weather in South American monsoon: the importance of the models skill in simulating the MJO impacts	Prof.	Alice	Grimm	Tues	29-Aug	15h30	1.63
M17	1076	Ensemble Simulations of a Severe Flood over South China with a General Circulation Model IAP AGCM4.1	Dr.	He	Zhang	Tues	29-Aug	16h00	1.63
M17	294	Cloud Resolving Ensemble Simulation of a Local Heavy Rainfall Event on 26 August 2011 Observed in TOMACS	Dr.	Kazuo	Saito	Tues	29-Aug	16h15	1.63

M17	1482	APHRODITE-2: Asian Precipitation -- Highly Resolved Observational Data Integration Towards Evaluation of Extreme Events	Dr.	Akiyo	Yatagai	Tues	29-Aug	16h30	1.63
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M18 - Advances and Frontier challenges in Global Monsoon Studies

Session ID	Abstract ID	Abstract Title	Title	Author First Name	Author Last Name	Date	Time	Venue	
M18	410	SST Gradient in the Tropical Indo-Pacific Domain and The Asian Summer Monsoon Onset	Prof.	Guoxiong	Wu	Wed	30-Aug	08h30	1.44
M18	1000	Local Oceanic Precursors for the Summer Monsoon Onset over the Bay of Bengal and the Underlying Processes	Prof.	Jianping	Li	Wed	30-Aug	09h00	1.44
M18	1311	Onset and progression of the 2016 Indian monsoon in field campaign observations and a 4km-resolution version of the UK Met Office Unified Model	Dr.	Arathy	Menon	Wed	30-Aug	09h20	1.44
M18	560	Generation and variation of upper troposphere temperature maximum	Prof.	Yimin	Liu	Wed	30-Aug	09h40	1.44

M18	1502	On the dominant intra-seasonal modes over the East Asia-western North Pacific summer monsoon region	Prof.	Kyung-Ja	Ha	Wed	30-Aug	10h30	1.44
M18	251	Prediction and real-time monitoring of indices for monsoon intraseasonal oscillations: An approach based on nonlinear Laplacian spectral analysis technique	Dr.	Sabeerali	Cherumadanakad an Thelliyil	Wed	30-Aug	11h00	1.44
M18	112	Possible changes in the boreal summer intraseasonal oscillation projected by the CNRM-CM5 model under an extreme climate warming scenario	Prof.	Jiangyu	Mao	Wed	30-Aug	11h20	1.44
M18	555	Evaluation of Intraseasonal Oscillation Simulations in IPCC AR5 Coupled GCMs Associated with the Asian Summer Monsoon	Dr.	Wenting	Hu	Wed	30-Aug	11h40	1.44

M18	1288	Aerosol - surface forcing - rainfall association during the monsoon over the Gangetic plains	Prof.	Sachchida	Tripathi	Wed	30-Aug	13h30	1.44
M18	462	On the shortening of Indian Summer Monsoon Season in a Warming Scenario	Dr.	Ajaya Mohan	Ravindran	Wed	30-Aug	13h50	1.44
M18	248	Mechanism of decline in monsoon synoptic activity in a warming climate	Dr.	Sandeep	Sukumaran	Wed	30-Aug	14h10	1.44
M18	1260	Decadal change of the East Asian Winter Monsoon variability and its dynamical prediction	Dr.	Daehyun	Kang	Wed	30-Aug	14h30	1.44

M18	1430	The INCOMPASS project field and modelling campaign: Interaction of Convective Organization and Monsoon Precipitation, Atmosphere, Surface and Sea (India 2016)	Dr.	Andrew	Turner	Wed	30-Aug	15h30	1.44
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M18	479	Maritime Continent seasonal climate biases in AMIP experiments of the CMIP5 multimodel ensemble	Ms.	Ying Ying	Toh	Wed	30-Aug	16h00	1.44
M18	503	MESETA: Modelling physical and dynamical processes over the Tibetan Plateau and their regional effects over East Asia	Dr.	Reinhard	Schiemann	Wed	30-Aug	16h20	1.44

M20 - Role of Ocean-Atmosphere Interactions in Climate Variability, Change and Predictability

Session ID	Abstract ID	Abstract Title	Title	Author First Name	Author Last Name	Date	Time	Venue	
M20	1163	The role heat flux in equatorial and extratropical South Atlantic air-sea interactions	Dr.	Hyacinth	Nnamchi	Mon	28-Aug	08h30	1.61
M20	702	Responses of Regional Atmospheric Circulation and Rainfall variability over Southern Africa to Mesoscale Dynamics of the Angola-Benguela Frontal Zone	Dr.	Fabien	Desbiolles	Mon	28-Aug	09h00	1.61
M20	230	Atmospheric signature of the Agulhas Current	Miss.	Arielle Stela	Nkwinkwa Njouodo	Mon	28-Aug	09h15	1.61
M20	412	Eastward propagation of decadal temperature variability in the South Atlantic and Indian Oceans	Dr.	Yushi	Morioka	Mon	28-Aug	09h30	1.61
M20	665	A nonlinear approach to investigate ocean- atmosphere coupling in real datasets	Dr.	Stephane	Vannitsem	Mon	28-Aug	09h45	1.61
M20	517	Bidirectional connections between ENSO and stratospheric variability	Dr.	Chaim	Garfinkel	Mon	28-Aug	10h30	1.61
M20	299	Pacific-Atlantic interactions heat up: Evidence from El Nino and Mid-latitude Blobs	Prof.	Jin-Yi	Yu	Mon	28-Aug	11h00	1.61
M20	403	Characterizing Pacific Ocean Regime Shifts	Dr.	Matt	Newman	Mon	28-Aug	11h15	1.61
M20	647	Pacific contribution to the early 20th century warming in the Arctic	Dr.	Lea	Svendsen	Mon	28-Aug	11h30	1.61
M20	661	The effect of the 18.6 year lunar nodal cycle on decadal temperature trends	Dr.	Manoj	Joshi	Mon	28-Aug	11h45	1.61
M20	986	Projected sea surface temperatures over the 21st century: changes in the mean, variability and extremes	Dr.	Michael	Alexander	Mon	28-Aug	13h30	1.61
M20	303	Links between CMIP5 model diversity in Antarctic amplification, sea ice, and projected 21st century change in the southern hemisphere eddy-driven mid-latitude westerly jet	Dr.	Thomas	Bracegirdle	Mon	28-Aug	14h00	1.61

M20	1276	Weakening of the tropical atmospheric circulation response to local sea surface temperature anomalies under global warming	Dr.	Ping	Huang	Mon	28-Aug	14h15	1.61
M20	94	Understanding sea surface temperature forcing of precipitation variability	Dr.	Jie	He	Mon	28-Aug	14h30	1.61
M20	202	Future changes in global precipitation projected by the atmospheric global model with 60-km grid size	Dr.	Shoji	Kusunoki	Mon	28-Aug	14h45	1.61

M20	1218	Interactions between Oceanic variability and Storm tracks in the midlatitudes	Prof.	Lixin	Wu	Tues	29-Aug	08h30	1.61
M20	1087	Air-Sea Interaction Regimes and their Synoptic and Climatological Interpretation	Prof.	Thomas	Spengler	Tues	29-Aug	09h00	1.61
M20	1404	The impact of Northern Hemisphere western boundary current on the atmospheric large-scale circulation	Prof.	Noel	Keenlyside	Tues	29-Aug	09h15	1.61
M20	858	Impacts of midlatitude oceanic fronts on the mean state and variability of the extratropical atmosphere	Dr.	Hisashi	Nakamura	Tues	29-Aug	09h30	1.61
M20	738	Estimating North Atlantic Ocean heat budget and its variability from VOS observations	Dr.	Sergey	Gulev	Tues	29-Aug	09h45	1.61

M20	617	Climate Dynamics and Regional Climate Change: The CLIVAR Climate Dynamics Panel	Prof.	Mat	Collins	Tues	29-Aug	10h30	1.61
M20	346	Coupled SST-windstress interactions in climate models and assessment using new observations	Dr.	Malcolm	Roberts	Tues	29-Aug	10h45	1.61
M20	1393	Ocean atmosphere interactions on different scales as simulated with AWI-CM	Dr.	Dmitry	Sein	Tues	29-Aug	11h00	1.61
M20	598	Submesoscale air-sea coupling over the California Upwelling System	Mr.	Lionel	Renault	Tues	29-Aug	11h15	1.61
M20	1305	Dynamics of the wind stress response to ocean mesoscale surface temperatures	Dr.	Niklas	Schneider	Tues	29-Aug	11h30	1.61
M20	1243	Intrinsic interannual variability in the western boundary currents	Dr.	Masami	Nonaka	Tues	29-Aug	11h45	1.61

M22 - Sub-seasonal to Seasonal Prediction-except extremes

Session ID	Abstract ID	Abstract Title	Title	Author First Name	Author Last Name	Date	Time	Venue	
M22	334	Predictability of East-Atlantic regimes at sub-seasonal range using S2S forecast data	Dr.	Laura	Ferranti	Thurs	31-Aug	10h30	1.41

M22	828	The influence of Quasi-Biennial Oscillation on Madden-Julian Oscillation and its prediction skill in the Subseasonal to Seasonal (S2S) models	Prof.	Seok-Woo	Son	Thurs	31-Aug	10h45	1.41
M22	844	Mechanisms for a teleconnection pattern in response to the MJO	Prof.	Kyong-Hwan	Seo	Thurs	31-Aug	11h00	1.41
M22	274	MJO Prediction and Teleconnections in sub-seasonal forecasts	Dr.	Frederic	Vitart	Thurs	31-Aug	11h15	1.41
M22	404	A multi-model ensemble of S2S precipitation forecasts	Dr.	Nicolas	Vigaud	Thurs	31-Aug	11h30	1.41
M22	1144	Representation of large scale and regional features in model hindcasts to improve precipitation predictions at subseasonal timescale in South America.	Dr.	Iracema	Cavalcanti	Thurs	31-Aug	11h45	1.41