

SESSION DETAIL FOR SCIENTIFIC PROGRAMME: JOINT - IAMAS

ORAL PRESENTATIONS

JM1 - Observing Our Planet From Space (IAMAS, IAGA, IAPSO)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
JM1	414	An understanding The Earth System derived from Earth Observations	Prof.	Graeme	Stephens	Mon	28-Aug	08h30	Roof Terrace
JM1	66	Prospects of the earth observation with modern satellite sensors	Prof.	Teruyuki	Nakajima	Mon	28-Aug	09h00	Roof Terrace
JM1	857	Satellite-measured daily-to-seasonal variations of low-cloud fraction over the South Indian Ocean	Prof.	Hisashi	Nakamura	Mon	28-Aug	09h30	Roof Terrace
JM1	542	A new approach for obtaining sea ice parameters over the polar regions from low frequency passive microwave measurements	Prof.	B. J.	Sohn	Mon	28-Aug	09h45	Roof Terrace

JM1	1036	Eddy detection in satellite-derived fields: achievements and challenges	Dr.	Svetlana	Karimova	Mon	28-Aug	10h30	Roof Terrace
JM1	609	Inferring source regions and transport pathways of iron in the Southern Ocean from satellite chlorophyll data	Dr.	Robert	Graham	Mon	28-Aug	11h00	Roof Terrace
JM1	520	Contributions of Aquarius and SMAP satellites to studies of ocean salinity and its linkages with climate variability and water cycle	Dr.	Tong	Lee	Mon	28-Aug	11h15	Roof Terrace

JM1	1418	Monitoring storm surges in the Adriatic Sea using satellite altimetry	Dr.	Stefano	Vignudelli	Mon	28-Aug	11h30	Roof Terrace
JM1	324	Blended sea level anomaly fields with enhanced coastal coverage along the U.S. West Coast	Mr.	Craig	Risien	Mon	28-Aug	11h45	Roof Terrace

JM1	1152	Magnetic Remote Sensing of Ocean Heat and Transport	Dr.	Robert	Tyler	Mon	28-Aug	13h30	Roof Terrace
JM1	1438	The interpretation of gravity and magnetic data and the value of long wavelength information	Prof.	Susan J.	Webb	Mon	28-Aug	14h00	Roof Terrace
JM1	815	IONOGLOW: new perspectives for tsunami detection from space	Dr.	Giovanni	Occhipinti	Mon	28-Aug	14h30	Roof Terrace
JM1	145	Continuation of multi-angular polarized observation of the Earth's reflectance from space with DPC (directional polarized camera) on board GF-5	Prof.	Zhengqiang	Li	Mon	28-Aug	14h45	Roof Terrace

JM1	1141	Assessing the impact of the anthropocene on atmospheric composition using remote sensing from aircraft and space based instrumentation.	Mr.	John P.	Burrows	Tue	29-Aug	08h30	Roof Terrace
JM1	1073	Observing Air Quality from Geostationary Constellation	Prof.	Jhoon	Kim	Tue	29-Aug	09h00	Roof Terrace
JM1	1464	Integrating Spaceborne and Ground Data to Study Air Quality: Background and Urban-influenced	Dr.	Anne	Thompson	Tue	29-Aug	09h15	Roof Terrace
JM1	1355	Early phase achievement of Chinese carbon dioxide observation satellite (TanSat) Mission	Prof.	Yi	Liu	Tue	29-Aug	09h30	Roof Terrace
JM1	1316	Carbon Monoxide Transport across the Pacific as Seen from the MOPITT Instrument	Dr.	James	Drummond	Tue	29-Aug	09h45	Roof Terrace

JM1	516	Long-term Remote Sensing of Hydrometeor Size over the Amazon Basin	Prof.	Alex	Correia	Tue	29-Aug	10h30	Roof Terrace
JM1	1007	What TANSO-FTS onboard GOSAT has measured for 8 years with its high spectral resolution, wide spectral range, and agile pointing capability?	Dr.	Akihiko	Kuze	Tue	29-Aug	10h45	Roof Terrace
JM1	344	Towards Unified Reporting of Errors (TUNER)	Dr.	Thomas	von Clarmann	Tue	29-Aug	11h00	Roof Terrace
JM1	106	The SPARC Water Vapour Assessment (WAVAS) activity, phase II: Goals, methods, and status	Dr.	Gabriele	Stiller	Tue	29-Aug	11h15	Roof Terrace
JM1	1349	Development of geophysical products from the new generation of Korean geostationary meteorological satellite Geo-KOMPSAT-2A	Mr.	Sung-Rae	Chung	Tue	29-Aug	11h30	Roof Terrace

JM2 - Climate Variability And Change On All Scales (IAMAS, IAPSO)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
JM2	1174	Processes Underlying the Pacific Decadal Oscillation and their Potential Changes in a Warmer World	Dr.	Michael	Alexander	Wed	30-Aug	08h30	2.44 - 2.46
JM2	1279	The large shift to a more positive NAO between the 1960s and 1990s; to what extent do CMIP5 models reproduce congruent shifts in NAO variability and broader characteristics of the North Atlantic westerly jet?	Dr.	Thomas	Bracegirdle	Wed	30-Aug	08h45	2.44 - 2.46
JM2	1182	Impact of Arctic sea ice decline on recently observed climate change: a coordinated multi-model study	Prof.	Noel	Keenlyside	Wed	30-Aug	09h00	2.44 - 2.46

JM2	1348	On the Response of the Aleutian Low to Greenhouse Warming	Dr.	Bolan	Gan	Wed	30-Aug	09h15	2.44 - 2.46
JM2	1388	Tropical-Extratropical teleconnections in present and future climate: internal versus forced variability.	Dr.	Susanna	Corti	Wed	30-Aug	09h30	2.44 - 2.46
JM2	648	Evolution of the Atlantic Multidecadal Variability in a model with an improved North Atlantic Current	Dr.	Annika	Drews	Wed	30-Aug	09h45	2.44 - 2.46

JM2	588	Tracking the delayed response of the northern winter stratosphere to ENSO using multi reanalyses and model simulations	Dr.	Rongcai	Ren	Wed	30-Aug	10h30	2.44 - 2.46
JM2	223	Non-stationarity in Southern Hemisphere climate variability associated with the seasonal breakdown of the stratospheric polar vortex	Mr.	Nick	Byrne	Wed	30-Aug	10h45	2.44 - 2.46
JM2	228	Stratospheric Response to the 11-year Solar Cycle: Breaking Planetary Waves, Internal Reflection and Resonance	Dr.	Hua	Lu	Wed	30-Aug	11h00	2.44 - 2.46
JM2	1423	Seasonal and Regional Patterns of Variability and Long-Term Changes in Upper Tropospheric Jets From Reanalyses	Dr.	Gloria	Manney	Wed	30-Aug	11h15	2.44 - 2.46
JM2	831	Three dimensional meridional circulation in mass-weighted isentropic time mean	Prof.	Toshiki	Iwasaki	Wed	30-Aug	11h30	2.44 - 2.46
JM2	1333	The Characteristics and Drivers of Regionally-Extensive Droughts over Southern Africa	Mr.	Babatunde	Abiodun	Wed	30-Aug	11h45	2.44 - 2.46

JM2	1170	Impact of recent El Niño in the Lowveld, South Africa – an indication of anthropogenic climate forcing?	Dr.	Johan	Malherbe	Wed	30-Aug	13h30	2.44 - 2.46
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JM2	946	Trends of clouds inferred from long-term trends in precipitation extremes.	Prof.	Shaw Chen	Liu	Wed	30-Aug	13h45	2.44 - 2.46
JM2	1407	Variability of Western Pacific Equatorial Currents Associated with ENSO	Dr.	Xiaohui	Tang	Wed	30-Aug	14h00	2.44 - 2.46
JM2	664	The role of convection above Indonesia for the influence of the Indian Ocean on ENSO	Ms.	Claudia	Wieners	Wed	30-Aug	14h15	2.44 - 2.46
JM2	1139	Reverse decadal shifts of summer rainfall in southern China	Dr.	Jilong	Chen	Wed	30-Aug	14h30	2.44 - 2.46
JM2	130	The climate shift of interannual variability of winter precipitation over China	Prof.	XiaoJing	Jia	Wed	30-Aug	14h45	2.44 - 2.46

JM2	977	The global importance of reducing tropical SST errors in climate models	Dr.	Prashant	Sardeshmukh	Wed	30-Aug	15h30	2.44 - 2.46
JM2	789	Alleviating Tropical Atlantic Sector Biases in the Kiel Climate Model: Implications for Interannual Variability and Seasonal Predictability	Prof.	Mojib	Latif	Wed	30-Aug	15h45	2.44 - 2.46
JM2	1045	Surface Current in "Hotspot" Serves as a New and Effective Precursor for El Niño Prediction	Dr.	Jianing	Wang	Wed	30-Aug	16h00	2.44 - 2.46
JM2	779	Projecting Future Tropical Cyclone Activity in the WNP Using High-Resolution AGCMs	Dr.	Huang-Hsiung	Hsu	Wed	30-Aug	16h15	2.44 - 2.46
JM2	1160	Are we near the limit of tropical SST predictability?	Dr.	Matt	Newman	Wed	30-Aug	16h30	2.44 - 2.46
JM2	395	What determines the evolution of global mean sea surface temperature?	Dr.	Rui	Ponte	Wed	30-Aug	16h45	2.44 - 2.46

JM3 - Thunderstorm Coupling To The Upper Atmosphere (IAMAS, IAGA)

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	Authors First Name	Authors 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	01-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	01-Sep	08h45	1.61
JM3 M02 M03	463	Predicting the number and area of thunderstorms over Africa using WWLLN data	Prof.	Colin	Price	Fri	01-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	01-Sep	09h15	1.61
JM3 M02 M03	1242	The SAETTA-LMA network: from individual flashes to 3-year lightning climatology in Corsica	Dr.	Defer	Eric	Fri	01-Sep	09h30	1.61
JM3 M02 M03	1447	Characterizing a Network, Location Accuracy and Detection Efficiency of the ENTLN	Dr.	Michael	Stock	Fri	01-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	01-Sep	10h30	1.61

JM3 M02 M03	684	Upward connecting leader behavior during lightning attachment process	Dr.	Marcelo	Saba	Fri	01-Sep	10h45	1.61
JM3 M02 M03	934	Variability in lightning NOx production rates due to regional U.S. differences in lightning type and polarity	Dr.	Jeff	Lapierre	Fri	01-Sep	11h00	1.61
JM3 M02 M03	659	On the validity of the global Earth-ionosphere spherical capacitor concept	Prof.	Christos	Haldoupis	Fri	01-Sep	11h15	1.61

JM4 - Future Climate For The African Continent (IAMAS, IAPSO)

Session ID	Abstract ID	Abstract Title	Title	Authors First Name	Authors Last Name	Date		Time	Venue
JM4	330	Large-scale drivers of variability in the East African short rains	Dr	Linda	Hirons	Mon	28-Aug	08h45	2.61 - 2.63
JM4	118	The representation of the seasonality of African rainfall in CMIP5 climate models	Miss	Caroline	Dunning	Mon	28-Aug	09h00	2.61 - 2.63
JM4	1381	The association between the Angola Low and southern African rainfall in coupled climate models	Mr	Callum	Munday	Mon	28-Aug	09h15	2.61 - 2.63
JM4	1458	Analysing tropical-extratropical cloud bands over southern Africa: how far can we trust model representations of climate variability and change?	Dr	Rachel	James	Mon	28-Aug	09h30	2.61 - 2.63
JM4	491	Biodiversity conservation in an uncertain climatic future	Miss	Boipelo	Tshwene-Mauchaza	Mon	28-Aug	09h45	2.61 - 2.63