

SESSION DETAIL FOR SCIENTIFIC PROGRAMME: JOINT - IAPSO

ORAL PRESENTATIONS

JP1 - Turbulence, Internal Waves And Mixing On All Scales (IAPSO, IAGA, IAMAS)

Session ID	Abstract ID	Abstract Title	Title	Author First Name	Author Last Name	Date		Time	Venue
JP1	76	Abyssal plain hills and internal wave turbulence	Dr.	Hans	van Haren	Mon	28-Aug	08h30	2.64 - 2.66
JP1	260	The relative impacts of temporal variability in dissipation and mixing efficiency on diapycnal fluxes.	Dr.	Matthew	Palmer	Mon	28-Aug	09h00	2.64 - 2.66
JP1	285	Enhanced mixing in the equatorial thermocline induced by inertia-gravity waves	Prof.	Kelvin	Richards	Mon	28-Aug	09h15	2.64 - 2.66
JP1	388	Temporal variability of the internal wave spectrum in the interior tropical North Atlantic	Dr.	Janna	Kohler	Mon	28-Aug	09h30	2.64 - 2.66
JP1	1483	Observations of eddy suppression in the Antarctic Circumpolar Current	Dr.	Helen	Phillips	Mon	28-Aug	09h45	2.64 - 2.66
JP1	905	Deep overturning circulation shaped by basin geometry	Dr.	Casimir	de Lavergne	Mon	28-Aug	10h30	2.64 - 2.66
JP1	331	Ridges, Seamounts, Troughs and Bowls: Topographic Control of the Diapycnal Circulation in the Abyssal Ocean	Dr.	Ryan	Holmes	Mon	28-Aug	11h00	2.64 - 2.66

JP1	103	A regime diagram for ocean geostrophic turbulence	Dr.	Andreas	Klocker	Mon	28-Aug	11h15	2.64 - 2.66
JP1	293	Generation and propagation of atmospheric internal waves caused by volcanic eruptions	Dr.	Peter	Baines	Mon	28-Aug	11h30	2.64 - 2.66
JP1	689	Mathematical versus physical constraints on ocean small-scale mixing parameterisations	Mr.	Remi	Tailleux	Mon	28-Aug	11h45	2.64 - 2.66

JP1	102	Tipping points in Southern Ocean ventilation	Dr.	Andreas	Klocker	Mon	28-Aug	13h30	2.64 - 2.66
JP1	153	Parameterization of Langmuir Circulation in the Ocean Mixed Layer Model Using LES and its Application to the OGCM	Prof.	Yign	Noh	Mon	28-Aug	14h00	2.64 - 2.66
JP1	898	Synoptic-to-planetary scale wind variability enhances phytoplankton at ocean fronts	Dr.	Daniel	Whitt	Mon	28-Aug	14h15	2.64 - 2.66
JP1	1217	The impacts of ocean bottom roughness and tidal flow amplitude on abyssal mixing	Prof.	Toshiyuki	Hibiya	Mon	28-Aug	14h30	2.64 - 2.66
JP1	1436	The OSMOSIS ocean boundary layer model	Dr.	George	Nurser	Mon	28-Aug	14h45	2.64 - 2.66

JP1	323	The role of submesoscale instabilities in regulating turbulence in the upper ocean	Dr.	Alberto	Naveira Garabato	Tue	29-Aug	08h30	2.64 - 2.66
JP1	386	Internal waves and mixing over the Mid-Atlantic Ridge	Dr.	Clement	Vic	Tue	29-Aug	09h00	2.64 - 2.66
JP1	599	Enhanced water mass property changes due to salt finger evolution in the Tyrrhenian Sea	Ms.	Sara	Durante	Tue	29-Aug	09h15	2.64 - 2.66
JP1	674	Turbulent cooling of an UCDW eddy on the Antarctic continental slope	Dr.	Yueng	Lenn	Tue	29-Aug	09h30	2.64 - 2.66

JP1	899	Observed Scaling and Energetics of Langmuir Turbulence in Shallow Coastal Sea	Dr.	Yutaka	Yoshikawa	Tue	29-Aug	09h45	2.64 - 2.66
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JP1	983	Mixing and Circulation in Two Tropical Oxygen Minimum Zones determined by Tracer Release Experiments	Prof.	Martin	Visbeck	Tue	29-Aug	10h30	2.64 - 2.66
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JP1	967	Eddy dissipation by interaction with internal waves in the Drake Passage	Mr.	Jesse	Cusack	Tue	29-Aug	11h00	2.64 - 2.66
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JP1	1119	The contribution of internal waves to continental shelf seas turbulence and mixing	Miss.	Anastasiia	Domina	Tue	29-Aug	11h15	2.64 - 2.66
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JP2 - Polar Oceanography and Meteorology (IAPSO, IAMAS)

Session ID	Abstract ID	Abstract Title	Title	Author First Name	Author Last Name	Date	Time	Venue	
JP2	768	Impacts of open-ocean deep convection in the Weddell Sea on coastal and bottom water temperature	Prof.	Zhaomin	Wang	Tue	29-Aug	08h45	2.61 - 2.63
JP2	1052	Air-Sea-Ice Interaction Associated with the 2016 Weddell Polynya	Prof.	G.W.K.	Moore	Tue	29-Aug	09h00	2.61 - 2.63
JP2	197	Localized rapid warming of West Antarctic subsurface waters by remote winds	Dr.	Paul	Spence	Tue	29-Aug	09h15	2.61 - 2.63
JP2	642	Glider experiment reveals enhanced submesoscale mixed layer instabilities in the Southern Ocean	Mr.	Marcel	du Plessis	Tue	29-Aug	09h30	2.61 - 2.63
JP2	1149	Observations of Submesoscale Instabilities and Frontal Structure in Drake Passage	Miss.	Giuliana	Viglione	Tue	29-Aug	09h45	2.61 - 2.63

JP2	314	Wind-controlled export of Antarctic Bottom Water from the Weddell Gyre	Dr.	Alberto	Naveira Garabato	Tue	29-Aug	10h30	2.61 - 2.63
JP2	1342	Physical processes involved in the response of Southern Ocean sea ice to increased freshwater release from antarctic glaciers.	Dr.	Julien	Le Sommer	Tue	29-Aug	11h00	2.61 - 2.63
JP2	1341	Southern Ocean diabatic eddy heat flux response to altered northern boundary conditions.	Miss.	Helen	Burns	Tue	29-Aug	11h15	2.61 - 2.63
JP2	814	Seasonal changes in Circumpolar Deep Water in the Amundsen Sea, Antarctica, using seal-borne tags	Ms.	Helen	Mallett	Tue	29-Aug	11h30	2.61 - 2.63
JP2	740	Variability of the Antarctic slope current system in the northwestern Weddell Sea	Ms.	Marina	do Valle Chagas Azaneu	Tue	29-Aug	11h45	2.61 - 2.63

JP2	308	Antarctic Peninsula Climate Variability and Change	Prof.	John	Turner	Tue	29-Aug	13h30	2.61 - 2.63
JP2	676	The surface energy budget in the sea ice zone	Dr.	Alexandra	Weiss	Tue	29-Aug	14h00	2.61 - 2.63
JP2	456	Trends in surface meteorological conditions over West Antarctica during austral summer, 1979-2015 from a regional atmospheric model	Dr.	Pranab	Deb	Tue	29-Aug	14h15	2.61 - 2.63
JP2	541	Understanding the Structure of Atmospheric Boundary Layer in Response to the Synoptic Forcing over the Southern Ocean	Prof.	Steve	Siems	Tue	29-Aug	14h30	2.61 - 2.63
JP2	753	Evaluating Highest Temperature Extremes in the Antarctic	Dr.	Matthew	Lazzara	Tue	29-Aug	14h45	2.61 - 2.63

JP2	1080	Cloud-aerosol-precipitation processes over the Southern Ocean - what are we missing?	Dr.	Yi	Huang	Tue	29-Aug	15h30	2.61 - 2.63
JP2	1122	Observations of clouds over the Weddell Sea during the Austral Summer	Dr.	Tom	Lachlan-Cope	Tue	29-Aug	15h45	2.61 - 2.63
JP2	1296	Comparison on A-Train cloud microphysical properties with in-situ measurements over the winter-time Southern Ocean	Prof.	Steve	Siems	Tue	29-Aug	16h00	2.61 - 2.63
JP2	111	Impact of Atmospheric Model Physics on Coupled Arctic Climate Simulations	Prof.	John	Cassano	Tue	29-Aug	16h15	2.61 - 2.63
JP2	128	Cloud structure and phase at Cape Grim, Macquarie Island and over the Southern Ocean	Dr.	Simon	Alexander	Tue	29-Aug	16h30	2.61 - 2.63

JP2	562	Arctic sea ice-ocean modeling study in collaboration with sediment trap measurements	Dr.	Eiji	Watanabe	Wed	30-Aug	08h30	2.61 - 2.63
JP2	811	Climatic drivers of microalgae viability in Arctic seasonal sea ice	Prof.	Marcello	Vichi	Wed	30-Aug	09h00	2.61 - 2.63
JP2	706	The role of the interaction of storms and fronts in driving intraseasonal variability of primary production in the Southern Ocean	Dr.	Sarah	Nicholson	Wed	30-Aug	09h15	2.61 - 2.63
JP2	371	Change in Arctic Ocean freshwater content in response to a step change in wind forcing	Dr.	Helen	Johnson	Wed	30-Aug	09h30	2.61 - 2.63
JP2	521	Synergy of Sea Surface Salinity, Sea Surface Height, and Ocean Bottom Pressure to Study Arctic Ocean Freshwater Changes	Dr.	Tong	Lee	Wed	30-Aug	09h45	2.61 - 2.63

JP2	792	Interconnectivity between volume transports through Arctic straits	Dr.	Agatha	de Boer	Wed	30-Aug	10h30	2.61 - 2.63
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JP2	629	What drives the variability of the Atlantic Water circulation in the Arctic Ocean?	Dr.	Camille	Lique	Wed	30-Aug	10h45	2.61 - 2.63
JP2	1176	Variability in Circulation and Hydrography in the Denmark Strait	Mr.	Mattia	Almansi	Wed	30-Aug	11h00	2.61 - 2.63
JP2	670	Wind-driven mixing at intermediate depths in an ice-free Arctic Ocean	Dr.	Yueng	Lenn	Wed	30-Aug	11h15	2.61 - 2.63
JP2	1377	Effects of the Antarctic glacial runoff and icebergs calving on the Southern Ocean dynamics and sea ice	Dr.	Yevgeny	Aksenov	Wed	30-Aug	11h30	2.61 - 2.63
JP2	539	Surface Melting on the Greenland Ice Sheet: Recent Drivers, Future Scenarios	Dr.	David	Reusch	Wed	30-Aug	11h45	2.61 - 2.63

JP2	1118	Mechanisms driving variability in the ocean forcing of Pine Island Glacier	Dr.	Ben	Webber	Wed	30-Aug	13h30	2.61 - 2.63
JP2	1338	Identifying glacial meltwater and upper ocean processes using noble gases in the Amundsen Sea	Dr.	Louise	Biddle	Wed	30-Aug	13h45	2.61 - 2.63
JP2	91	Anatomy of a glacial meltwater discharge event in an Antarctic cove	Prof.	Michael	Meredith	Wed	30-Aug	14h00	2.61 - 2.63
JP2	86	Observations of surface momentum exchange over the marginal-ice-zone and recommendations for its parameterization	Prof.	Ian	Renfrew	Wed	30-Aug	14h15	2.61 - 2.63
JP2	606	Increasing frequency and duration of Arctic winter warming events	Dr.	Robert	Graham	Wed	30-Aug	14h30	2.61 - 2.63
JP2	1303	Arctic warming via moist intrusions	Prof.	Rodrigo	Caballero	Wed	30-Aug	14h45	2.61 - 2.63

JP3 - The Second International Indian Ocean Expedition (IIOE-2) and Related Oceanic and Coupled Atmospheric Research In The Indian Ocean (IAPSO, IAMAS)

Session ID	Abstract ID	Abstract Title	Title	Author First Name	Author Last Name	Date		Time	Venue
JP3	687	Observed Agulhas Current sensitivity to interannual climate forcings	Dr.	Shane	Elipot	Tue	29-Aug	13h30	2.64 - 2.66
JP3	189	Indian Ocean sources of Agulhas leakage	Dr.	Jonathan	Durgadoo	Tue	29-Aug	14h00	2.64 - 2.66
JP3	1228	Mesoscale activity in the Comoros Basin	Dr.	Charine	Collins	Tue	29-Aug	14h15	2.64 - 2.66
JP3	359	Lagrangian evolution of Madagascar cyclonic eddies from two dedicated Argo floats experiments	Ms.	Tamaryn	Morris	Tue	29-Aug	14h30	2.64 - 2.66
JP3	1201	Mean equatorial upwelling induced by intraseasonal Mixed Rossby-Gravity waves in the Indian Ocean	Prof.	Yukio	Masumoto	Tue	29-Aug	14h45	2.64 - 2.66

JP3	639	BoBBLE (Bay of Bengal Boundary Layer Experiment): Exploring the ocean-atmosphere system in the southern Bay of Bengal during the summer monsoon	Prof.	P N	Vinayachandran	Tue	29-Aug	15h30	2.64 - 2.66
JP3	1508	Role of sub-surface intensified eddies in the southern Indian Ocean	Mr.	Fehmi	Dilmahamod	Tue	29-Aug	16h00	2.64 - 2.66
JP3	1221	Identifying pathways between the South Indian Ocean and Leeuwin Current System	Dr.	Helen	Phillips	Tue	29-Aug	16h15	2.64 - 2.66
JP3	394	Nitrous oxide and hydroxylamine measurements in the southwest Indian Ocean	Dr.	Damian L.	Arévalo-Martínez	Tue	29-Aug	16h30	2.64 - 2.66

JP3	1314	Monsoonal influence on the development of the Island Mass Effect in the Northern Indian Ocean	Ms.	Danielle	Su	Tue	29-Aug	16h45	2.64 - 2.66
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JP3	1111	The dynamics of the Southwest Monsoon Current in the Bay of Bengal	Dr.	Ben	Webber	Wed	30-Aug	08h30	2.64 - 2.66
JP3	737	Characterization of Air-sea fluxes over the Bay of Bengal during the southwest monsoon	Dr.	Alejandra	Sanchez-Franks	Wed	30-Aug	08h45	2.64 - 2.66
JP3	1086	Observations of a mixing event in southern Bay of Bengal during summer monsoon	Dr.	Jenson	George	Wed	30-Aug	09h00	2.64 - 2.66
JP3	1104	Seaglider observations of a phytoplankton bloom within the Sri Lanka Dome during BoBBLE	Miss.	V	Thushara	Wed	30-Aug	09h15	2.64 - 2.66
JP3	788	Ocean surface warm layers: development and spatio-temporal variability in the Bay of Bengal during the 2016 summer monsoon	Mr.	Dariusz	Baranowski	Wed	30-Aug	09h30	2.64 - 2.66
JP3	286	The seasonal cycle of the tropical south Indian Ocean and its impact on intraseasonal and interannual variability	Prof.	Kelvin	Richards	Wed	30-Aug	09h45	2.64 - 2.66

JP3	1319	An IIOE-2 Capacity Building Initiative - The Indian Ocean Early Career Scientist Network	Ms.	Danielle	Su	Wed	30-Aug	10h30	2.64 - 2.66
JP3	922	A shallow seamounts ecosystem Project in the SW Indian Ocean	Dr.	Francis	Marsac	Wed	30-Aug	11h15	2.64 - 2.66
JP3	1075	Second International Indian Ocean Expedition IIOE-2 overview of endorsed science projects and cruises	Dr.	Nick	D'Adamo	Wed	30-Aug	11h30	2.64 - 2.66
JP3	1280	Results from the First Expedition of IIOE-2	Prof.	P N	Vinayachandran	Wed	30-Aug	11h45	2.64 - 2.66

JP3	1233	Meridional variability of subsurface light field along IIOE-2 transect using satellite data	Dr.	Aneesh	Lotliker	Wed	30-Aug	13h30	2.64 - 2.66
JP3	1071	Web Based Applications and Infrastructure for the Second International Indian Ocean Expedition (IIOE-2)	Mr.	Kiran	Kumar N	Wed	30-Aug	14h00	2.64 - 2.66
JP3	531	Space Observation of Surface Hydrodynamics and Carbon Cycle in North Indian Ocean	Dr.	W. Timothy	Liu	Wed	30-Aug	14h15	2.64 - 2.66
JP3	1072	Sub-surface oxygen maxima in the equatorial Indian Ocean	Dr.	Satya	Prakash	Wed	30-Aug	14h30	2.64 - 2.66
JP3	915	Estimation of terms of temperature equation using in situ observations alone during BoBBLE (Bay of Bengal Boundary Layer Experiment)	Dr.	V	Vijith	Wed	30-Aug	14h45	2.64 - 2.66

JP3	862	Special features of air-sea interaction over the North Indian Ocean during boreal summer	Prof.	Ganapati	Bhat	Wed	30-Aug	15h30	2.64 - 2.66
JP3	1230	Subsurface radiant flux during summer monsoon in the southern Bay of Bengal	Dr.	Aneesh	Lotliker	Wed	30-Aug	15h45	2.64 - 2.66
JP3	859	High Spatial Resolution Imageries for Climate change impact studies at inhabited Islands of Lakshadweep - India	Dr.	J Sundaresan	Pillai	Wed	30-Aug	16h00	2.64 - 2.66
JP3	1131	Key Biogeochemical and Ecological Problems in the Indian Ocean	Prof. Dr.	Raleigh Jenny	Hood Huggett	Wed	30-Aug	16h15	2.64 - 2.66