

First Name	Last Name	Paper Title	Poster Board
Foraminifera and Carbon Isotopes			
Alexandra	Auderset	Foraminifera-bound nitrogen isotopes over the past 23 million years	001
Yuan-pin	Chang	The Evolution of Depositional Environment at Central Taiwan Alluvial Plain Based on Carbon Indicators	002
Mea	Cook	Nitrate utilization in the deglacial Bering Sea	003
Bethany	Ellis	Holocene variation in $\delta^{13}C_{org}$ reservoir ages for the tropical eastern Indian Ocean	004
Helena	Pillson	Recent increased dissolution of benthic foraminifera in a marginal marine area: a 3D imaging approach	005
Elizabeth	Griffith	Reconstructing the marine biological pump across Eocene hyperthermals at Shatsky Rise Site 1209	006
Elizabeth	Keller	Examining the Southern Ocean carbon sink in a warming world	007
Hidetaka	Kobayashi	Response of atmospheric pCO_2 to glacial changes in the Southern Ocean amplified by carbonate compensation	008
Susana M.	Labeyrie	Signs of global productivity in the North Atlantic subtropical gyre (Tore seamouth)	009
Malcolm	McCulloch	Reconstructing the uptake of anthropogenic CO_2 and acidification of the upper-ocean sink from sclerosopone records of the 13C Siess-effect and 11B seawater pH proxy	010
Patrick	Rafter	A carbon budget for the Gulf of California suggests increased geologic carbon flux during deglaciation	011
Kirellos	Sefeln	A Review of 15 Years of Findings and Questions Related to the Long-term Cenozoic Evolution of Northern Hemisphere Climate: From the Azolla Event to the Icehouse	012
Natalia	Szymanska	Foraminifera derived carbon in fjord sediments: implications for the processes of carbon burial	013
Agathe	Toumoulin	Modelling the Eocene greenhouse climate sensitivity to pCO_2 changes, toward a better understanding of the Eocene-Oligocene Transition	014
David	Wilson	Tracing chemical weathering with Li isotopes: from seasonal timescales to Pleistocene glacial-interglacial cycles	015
Richard E.	Zeebe	Solar system chaos, a new astronomical solution, and a revised chronology for the Paleocene-Eocene boundary	016
High Resolution Ocean Circulation			
Charlie Morell	Anque Mintoo	Paleoceanographic variations in SE sector of Indian Ocean (Austrian shelf, IODP-U11460 site): is the MIS12 the trigger for long-term oceanic circulation re-organisation? Insights from benthic meiofauna (ostracods and foraminifera)	017
Anieke	Brombacher	Does developmental plasticity inhibit or facilitate speciation? Using high-resolution CT scanning to quantify ontogenetic trajectories in planktonic foraminifera before, during and after speciation.	018
Tomos	David	Influence of the tides on the evolution of early tetrapods: numerical and statistical perspectives	019
Ruth	Eriksen	Coccolith mass variability and contribution to carbonate production of coccolithophores in the Southern Ocean: modern versus fossil assemblages.	020
Lorna	Hernández-Almeida	Assessing environmental and physiological control on carbon isotope fractionation during photosynthesis in coccolithophores in the North Atlantic.	021
Nuria	Lahuerta Pineiro	Late Quaternary relative sea-level changes and evolution of the Lacedpede Shelf, southern Australia	022
Hironao	Matsumoto	Paleo-ocean Osmium isotope record across the Aptian-Albian boundary from the Tethyan and the Pacific region	024
Simone	Morrett	Which was the habitat of Early Eocene planktic foraminifer <i>Chloeguembelia</i> ? Stable isotope paleobiology from Atlantic Ocean and implication for paleoceanographic reconstructions	025
Andy	Ridgwell	Unravelling fish taxonomy and ecology from isolated microfossil ichthyoliths: A perspective from modern fish morphology	026
Elizabeth	Sibert	Untangling fish taxonomy and ecology from isolated microfossil ichthyoliths: A perspective from modern fish morphology	027
Elen	Thomas	The Biological Pump and Limits to Benthic-Pelagic Coupling	028
Gregory	Webb	Reef coring: insights into Holocene palaeoenvironments, southern Great Barrier Reef	029
High Resolution Ocean Temperature			
Avako	Abe-Ouchi	Conditions for Dansgaard-Oeschger like oscillations and abrupt climate changes	030
Imogen	Browne	Antarctic Ice Sheet growth during the Miocene Climatic Optimum: an orbitally-resolved paleotemperature reconstruction from IODP Site U1521 on the outer-shelf of the Ross Sea	031
David	Fink	Beryllium isotope concentrations in Antarctic ice shelf marine sediments and their relationship to ice shelf dynamics, depositional environments and ocean circulation	032
Aleisa J.	Glezer	A multi-method approach to understand glacial marginal variation between the Gran Campo Nevado and Pacific Ocean, Chile (52°S)	033
Georgia	Grant	Orbital coherence of the benthic $\delta^{18}O$ stack and extended Pleistocene shallow marine sea level record (13-17 Ma)	034
Fiona	Hibbert	Asynchronous Antarctic and Greenland ice-volume contributions to the last interglacial sea-level highstand	035
Frida S.	Hoern	Early Oligocene to middle Miocene surface ocean conditions offshore Cape Adare (Ross Sea, Antarctica): palynological and temperature records of DSDP Site 274	036
Suning	Hou	Paleoceanography of the ice-proximal Southern Ocean during past warm intervals of the Neogene	037
Mutumun	Inaki	Reconstructions of Antarctic ice sheet and ocean temperature variabilities in the late Pleistocene interglacials	038
Nil	Invali	A low climate threshold for south Greenland Ice Sheet demise during the late Pleistocene	039
Nele	Lamping	Biomarker record reveals dynamic sea ice cover in the Amundsen Sea since the last ice age	040
Taryn	Noble	A review of the Antarctic Ice Sheet's sensitivity to a changing climate: Past, present and future	041
Gary	Shaffer	Cenozoic evolution of global mean temperature, Antarctic Ice Sheet size and atmospheric pCO_2	042
Michael	Webb	First results from IODP Expedition 382 (Isberg Alley) - Pleistocene ice and ocean dynamics	043
Trevor	Williams	Weddell Sea embayment deglaciations traced by provenance of ice-rafted debris	044
Ocean Circulation and Climate System Dynamics			
Jess	Adkins	The Residual Circulation in Paleocirculation	045
Ye	Ni	High resolution sea surface temperature and salinity dynamics in the northern Okinawa Trough over the last 24 kyr	046
Taigo	Ando	A study on the variability of the deep ocean circulation during glacial climate with a climate model of intermediate complexity	047
Hermann	Behling	Late Quaternary vegetation, climate and ocean dynamics in southeastern South America inferred from marine sediment cores	048
Jong-hwa	Chun	Organic matter isotopes evidence for the local oxygen minimum zone from the northeastern continental margin of Korea since MIS 3	050
Thierry	Correge	Holocene oceanography of the southwest Pacific Ocean	051
Margot	Crummett	Surface temperature change in the Southern Ocean across the Middle Eocene Climatic Optimum: inferences from dinoflagellate cysts and biomarker paleothermometry	052
Axel	Durand	Oxygen variability on the central Chile margin across the last glacial cycle	053
Sascha	Fügel	A new circulation and carbon burial history of the Early Cretaceous South Atlantic and Southern Ocean	054
Martin	Frank	Miocene to Early Pleistocene variations in Gulf Stream hydrography and their impact on the Atlantic Meridional Overturning Circulation	055
José	Friedling	Using multi-phase sulfur isotopes to differentiate between primary and diagenetic marine carbonates	056
Stephen	Gallagher	Glacial-interglacial contour dynamics on the Irish margin over the last 340,000 years: insights from IODP Site U1318 on the Porcupine Seabight	057
José	Gutiérrez	Global significance of mid-latitude temperature and benthic $\delta^{18}O$ reconstructions for the Oligocene-early Miocene	058
Jessica	Hargreaves	Do Sea Surface Temperatures influence shifts in the Tropical Rainfall Belt?	059
Size Ling	Ho	Plio-Pleistocene bottom-water temperature evolution in the eastern equatorial Pacific	060
Tomohisa	Iino	Variation of mineral dust flux at a high moor on the Mt. Daisetsu, Japan, during the last 5,000 years	061
Amy	Jewell	Plio-Pleistocene Coupling of North African Hydroclimate and Eastern Equatorial Atlantic Ocean Productivity	062
Hyu-Jeong	Kim	Impact of North Atlantic Freshwater Forcing on Pacific Meridional Overturning Circulation under Glacial and Interglacial Conditions	063
Ilja Japhir	Kocken	A Cenozoic deep-sea temperature record from clumped isotopes of <i>Valvulineria</i>	064
Thomas	Krenzel	Sea level rise during the last 450 ka	065
Christina	Larkin	Atlantic Meridional Overturning Circulation dynamics: insights from deglacial Arctic Ocean and Nordic Seas authigenic neodymium isotopes	066
Baohua	Li	High-resolution Mediterranean Outflow Water variation during the last glacial-interglacial periods	067
Jasmin M.	Link	Atlantic-wide deep circulation patterns during MIS 11	068
Stefan	Lühr	ODP Site 112 record indicates Tasman Gateway at bathyal depths >7 m.y. prior to onset of Antarctica Circumpolar Current and Antarctic Glaciation	069
Clare	Martinet	Late Miocene paleoceanography of the equatorial Indian Ocean: Indian monsoon and global climate interactions	070
Niklas	Meinicke	Coupled Mg/Ca and clumped isotope measurements confirm stable Western Pacific Warm Pool sea surface temperatures over the last 6 Myrs	071
Dietmar	Müller	The ATM low-complexity atmosphere-ocean model: a tool for geologists to evaluate first-order paleo-climate implications of deep-time paleoceanographic reconstructions	072
Sujata	Murty	Drivers of tropical hydroclimate across the Indo-Pacific over the last millennium: synthesis of climate model simulations and proxy records	073
Francesco	Muschietto	Deep-sea circulation leads North Atlantic sea level rise during the last deglaciation	074
Shua	Ni	Reconstruction of last interglacial (Eemian) environmental conditions in the western Baltic Sea	075
Sophie	Nuber	PLEISTOCENE AGULHAS SALT LEAKAGE VARIABILITY LINKED TO CHANGES IN INDONESIAN THROUGHFLOW	076
Svetlana	Radionovskaya	Reconstructing North Atlantic circulation beyond the instrumental record	077
Rivie	Ramos	Coral records of the Kuroshio intrusion across the Luzon Strait	078
Gerard	Rustic	Modulation of late Pleistocene ENSO strength by the tropical Pacific thermocline revealed by individual foraminifera	079
Margit	Simon	Changes in deep-water formation between Heinrich stadial 4 and the Holocene: Nordic Seas versus Labrador Sea	080
Stephanie	Stainbank	High-resolution foraminiferal geochemical records for the last 1.8 Myr: Diagenetic controls, South Asian Monsoon dynamics and oceanographic implications.	081
Maria H.	Toyo	Changes in Antarctic Circumpolar Current dynamics at the Pacific entrance of the Drake Passage over the past 1.3 Ma	082
Tina	van de Fliert	Regional variability in Southern Ocean circulation: a circum-Antarctic deep-sea coral perspective	083
Tim	van Peere	Eccentricity and obliquity pacing of the late Oligocene to early Miocene Antarctic ice sheet variability	084
Cristina	Ventura	The East Asian Monsoon patterns in Japan Sea over the past 50ky given by freshwater diatoms	085
Xingping	Wang	Orbital-scale changes in the western equatorial Pacific upper water thermal structure across the mid-Pleistocene transition	086
Grace	Winnler	Unravelling hydroclimate variability in the southern Indo-Pacific Warm Pool for the last four glacial cycles	087
Anastasia	Yandehina	Genetic basins of last glacial interglacial (Eemian) environmental conditions in the western Baltic Sea	088
Nicholas	Yeung	Assessing the spatial origin of Meltwater Pulse 1A using oxygen-isotope fingerprinting	089
Martin	Ziegler	Pliocene sea surface temperatures in the tropical Indian Ocean	090
High Resolution Ocean and Climate System Dynamics			
Isabella	Adridge	Combining historical archives and numerical modelling to understand the 1921 tropical cyclone impacting Shark Bay, Western Australia	091
Srijunkumar	Ay	Last Glacial to Holocene Paleocirculation of the Andaman Sea, Northeastern Indian Ocean	092
Jacqueline	Berthich	Applicability and reliability of Na/Ca as a direct paleo-salinity proxy in various planktonic foraminifera	093
Samantha	Carter	Controls on the marine barium cycle in a global biogeochemical model	094
Olaf	Delwig	Behavior of redox-sensitive W and Mo in hypoxic-sulfidic marine basins	095
Andrea	Ehardt	Use of multi-phase sulfur isotopes to differentiate between primary and diagenetic marine carbonates	096
Julia	Gottschalk	Archaeal lipid biomarker constraints on the Paleocene-Eocene carbon isotope excursion	097
William	Gray	A consistent model of Mg/Ca in planktonic foraminifera: sediment traps, laboratory cultures, and inorganic precipitates	098
Rick	Hennekam	Predicting abrupt shifts to marine anoxia using early-warning indicators	099
David	Hodell	Deconvolution of SST records influenced by advection of old and allochthonous alkenones	100
Jasmine	Hunter	A framework to assess the impact of low-level diagenesis on fossil Porites coral $\delta^{18}O$ and Sr/Ca paleoclimate records	101
Eleanor	John	Mg/Ca-based Eocene temperature reconstructions using frosty foraminifera	102
Marleen	Lausecker	Li isotopes in cold-water corals fingerprinting Li provenance and fractionation in glacial aged and cold thermocline waters.	103
Parker	Laufaud	Milankovitch theory holds throughout the "41-kyr world"	104
David	Lund	Hydrothermal scavenging of Zn^{2+} in the Southern East Pacific Rise	105
Julie	Meilland	Ontogenetic vertical migration and lunar reproduction cycle in planktonic foraminifera: myth or reality?	106
Sevi	Modestou	Deep-sea temperature change across the Miocene Climate Transition: comparison of clumped isotope and Mg/Ca temperatures	107
Peter	Nooteboom	Transport bias by ocean currents in sedimentary dinoflagellate cyst assemblages: implications for paleoceanographic reconstructions.	108
Tsunaki	Okazaki	Diatom and silicoflagellate assemblages in the North Pacific: its applications for reconstruction of sea-surface temperature and sea-ice change	109
Zhoufei	Tu	Me and Sr uptake in benthic foraminifera <i>Ammonia aomoriensis</i> based on culture and field studies	110
Brigitte	Rongstad	Calibrating a method for reconstructing total and interannual (ENSO) variability in the equatorial Pacific using Mg/Ca in individual planktic foraminifera	111
Sara	Sanchez	Evaluating the response of the tropics to early 19th century volcanic eruptions with coral based data assimilation	112
Nicolas	Thouveny	Cosmogenic Beryllium Signatures along Ocean Sediment Cores: a complementary tool for high precision chronology and correlation between paleoclimatic/paleoceanographic sequences.	113
Maria-Elena	Vorath	Recent and Holocene sea ice reconstructions based on the sea ice proxy IPS25, Western Antarctic Peninsula	114
Clare	Waelbroeck	Consistently dated Atlantic sediment cores over the last 40 ky	115
Elke	Zeller	The ICP Paleoclimate Data Center	116
High Resolution Ocean and Climate System Dynamics			
Nerilee	Abram	High coupling of tropical Indian and Pacific climate variability through the last millennium	117
Bethany	Behrens	Meltwater discharge from Wilkes Basin, East Antarctica at around 4.2 ka revealed from Beryllium-10 analysis of marine sediments	118
Peter	Bjij	Proposed IODP drilling in the Southern Ocean: Australian-Antarctic rift-drift transition and development of the Antarctic Circumpolar Current	119
Milena	Ceccepori	Holocene sea surface temperature variations in the south-eastern Brazilian shelf inferred from organic proxies in sediments (UK 37, TEXH86 and LDI)	120
Margot	Courtillet	Pleistocene sedimentary records in the Camarvon Basin (Exp 356 - IODP, Northwest coast, Australia) : Evidence of dust storms during major glaciations	121
Nim	Holtourn	Toward a 6 million-year record of Australian Monsoon variability: New Miocene-Pliocene climate archives from IODP Expedition 363 "Western Pacific Warm Pool"	122
Ling	Liu	Late Quaternary paleoenvironmental changes in the Indian sector of the Southern Ocean (Kerguelen Plateau): implications for marine diatoms	123
Basia	Marcks	Biogenic sediment records from the Agulhas Plateau reveal Southern Ocean expansion across the Mid-Pleistocene Transition	124
Alice	Marzocchi	A direct link between surface cooling and increased glacial carbon storage through changes in Antarctic sea ice	125
Renjie	Pei	Australian monsoon variability during the past 340 ka	126
Saura	Rodriguez-sanz	Bay of Bengal bottom water temperature changes across Termination I	127
Aidan	Starr	Oceanic Front Variability Inferred from Ice-Rafted Debris at the Agulhas Plateau and Links to Deep Ocean Geometry over the past 1.65 Ma	128
Lena M.	Thöle	Meridional Sea Surface Temperature Gradients in the Southern Indian Ocean over the Last Glacial Cycle	129
Isakal	Wang	Barium Records for Glacial-Interglacial Variations of Paleoproductivity in the Ross Sea, Antarctica: Implications for Changes in past Southern Ocean circulation	130
Shuai	Zhang	Impact of the subsurface western Pacific on paleoclimate change	131