

SFB 754

test & information run: Ocean Sciences Meeting 2014 (poster and presentations)

19. Feb 2014, Großer Konferenzraum, GEOMAR westshore



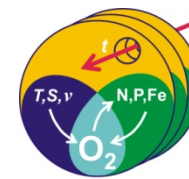
PRESENTATIONS

time	TP	name	presentation title
13:00-13:15	A1 (A3)	Donata Banyte	Ventilation of the eastern tropical Atlantic oxygen minimum zone by mesoscale eddy stirring and tropical zonal jets.
13:15-13:30	A5	Henry Bittig	Sub-surface production in the Atlantic subtropical gyres - how biogeochemical floats yield estimates of the O ₂ and NO ₃ cycle on sub-annual scales.
13:30-13:45	A5	Johannes Hahn	Oxygen variance and meridional oxygen supply in the tropical north east Atlantic oxygen minimum zone.
13:45-14:00	A7	Sascha Flögel	Biogeochemical cycling during cretaceous oceanic anoxic events.
14:00-14:15	A8	Marcus Dengler	Upper ocean mixing observations during tace: mixing processes in the equatorial Atlantic vs. Pacific.
14:15-14:30	coffe / tea break		
14:30-14:45	B1	Chris Somes	The influence of non-redfield dissolved organic matter cycling on the global oceanic fixed nitrogen budget.
14:45-15:00	B4	Damian Arevalo	Nitrous oxide in the eastern tropical south pacific ocean nitrous oxide in the eastern tropical south pacific ocean.
15:00-15:15	B4	Annette Kock	Hydroxylamine as a tracer for nitrification in marine environments.
15:15-15:30	B4	Carolin Löscher	Biogeochemical controls on the marine nitrogen cycle in the oxygen minimum zone off Peru.
15:30-15:45	B4	Sven Neulinger	An integrated view on microbial communities of the eastern tropical south pacific oxygen minimum zone.
15:45-16:00	B6	Jessica Gier	Microbial benthic nitrogen fixation inside and below the peruvian oxygen minimum zone.

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POSTER PRESENTATIONS:

TP	name	poster title
A2	Levin Nickelsen	A possible feedback mechanism between surface iron and bottom water oxygen concentrations.
A2	Olaf Duteil	High-resolution model indicates major role of equatorial and off-equatorial undercurrents in setting oxygen levels in the eastern tropical Atlantic ocean.
A3	Toste Tanhua	Recent changes in the ventilation of the mediterranean sea constrained by cfcs, sf6, tritium and he-3 data.
A4/A5/A8/B9	Johannes Karstensen	Dead-zone eddies in the oxygen minimum zone of the tropical eastern north Atlantic ocean.
A5	Arne Körtzinger	
A5	Patricia Grasse	Factors controlling the silicon isotope composition of dissolved silicate and biogenic silica in the Peruvian upwelling.
A6	Kristin Doering	A comparison of stable silicon isotope compositions of biogenic opal and diatom assemblages: a deglacial to holocene record of the Peruvian upwelling.
B1	David Keller	Investigating the role that the southern ocean biological pump plays in determining global ocean oxygen concentrations and deoxygenation.
B4	Helena Haus	Impact of changes in dissolved nutrients in the eastern tropical North Atlantic: the zooplankton response.
B5	Ulrike Lomnitz	Drivers and mechanisms for high phosphate (tPO ₄) release rates in the oxygen minimum zone off Peru.
B5 (associated)	Kathrin Wuttig	Contrasting behaviour of Cd, Fe and Mn in the eastern tropical Atlantic compared to the eastern tropical Pacific.
B6	Stefan Sommer	Benthic nitrogen cycling across Peruvian oxygen minimum zone surface sediments.
B8	Rainer Kiko	Atlantic equatorial marine snowfall and deep particle maxima.
B9	Sören Thomsen	Meso- and submesoscale variability within the upwelling regime off peru observed by a fleet of gliders.
B9	Alexandra Loginova	Distribution of transparent exopolymer particles in the south east pacific ocean during meteor (m93) cruise.
guest	Sunke Schmidtko	Warming of waters surrounding Antarctica.