

Ocean Deoxygenation Conference | Kiel 2018

Monday 03 September 2018

03 Ventilation and Oxygen Supply: Block 1 - Audimax-Hörsaal-D (14:30-16:00)

time	[id] title	presenter
14:30	[176] Ventilation pathways for the North Pacific Oxygen Deficient Zone revealed by secondary oxygen maxima and Lagrangian particle tracking	MARGOLSKEE, Andrew
14:45	[136] Mechanisms of low-frequency oxygen variability in the North Pacific	ITO, Taka
15:00	[52] Variability and drivers of the Oxygen Minimum Zone in the tropical Pacific over the past decades	Prof. WANG, Xiujun
15:15	[152] Low-oxygen mesoscale eddies in the eastern South Pacific	Dr PIZARRO, Oscar
15:30	[249] Interannual variability of the OMZ of the South Eastern Pacific	DEWITTE, Boris
15:45	[193] ENSO-driven fluctuations in the vertical extent of oxygen-poor waters in the oxygen minimum zone of the Eastern Tropical South Pacific	Dr JOSE, Yonss

03 Ventilation and Oxygen Supply: Block 2 - Audimax-Hörsaal-D (16:30-18:00)

time	[id] title	presenter
16:30	[195] Time scales of oxygen variability in the eastern tropical North Atlantic	Dr HAHN, Johannes
16:45	[238] Driving mechanisms for maintaining the equatorial deep jets and the quasi-steady flanking jets and the implications for the equatorial oxygen budget	Prof. CLAUS, Martin
17:00	[211] Ventilation of the eastern tropical North Atlantic oxygen minimum zone by latitudinally alternating zonal jets in a shallow water model	Mr KÖHN, Eike E.
17:15	[241] On Nearshore hypoxia and oxygen ventilation in the Eastern tropical North Atlantic	CAPET, Xavier
17:30	[164] Variability of the Atlantic North Equatorial Undercurrent and its impact on oceanic oxygen distribution	Mrs BURMEISTER, Kristin
17:45	[62] Early detection of anthropogenic climate change signal in the interior subpolar North Atlantic oxygen	TJIPUTRA, Jerry

Tuesday 04 September 2018

03 Ventilation and Oxygen Supply: Keynote Talks - Audimax-Frederik-Paulsen-Hörsaal (08:30-10:15)

time	[id] title	presenter
08:30	[8] Ocean deoxygenation in the 21st century: the role of ventilation	BOPP, Laurent
09:05	[9] Physical Forcings of Eastern Pacific OMZ	Dr MONTES , Ivonne
09:40	[10] Drivers and mechanisms of thermocline oxygen changes in the eastern tropical North Atlantic	Prof. BRANDT, Peter

03 Ventilation and Oxygen Supply: Block 3 - Audimax-Hörsaal-D (14:30-16:00)

time	[id] title	presenter
14:30	[87] Ocean deoxygenation and N ₂ O emissions projected in multi-millennial global warming simulations	Prof. JOOS, Fortunat
14:45	[201] Elevated marine oxygen inventory by enhanced anaerobic respiration in a warmer future ocean	Prof. OSCHLIES, Andreas
15:00	[145] Robust millennial-scale recovery of deep ocean ventilation and oxygenation with global warming?	Prof. FROELICHER, Thomas
15:15	[254] High frequency wind forcings and interior oxygen levels	Dr DUTEIL, Olaf
15:30	[189] Submesoscales reduce deoxygenation in temperate gyres	LEVY, Marina
15:45	[63] Oxygen utilisation rate - A poor measure of ocean respiration	KÄHLER, Paul

Wednesday 05 September 2018

03 Ventilation and Oxygen Supply: Block 4 - Audimax-Hörsaal-D (16:30-18:00)

time	[id] title	presenter
16:30	[175] Oxygenation and deoxygenation of Atlantic and Pacific Ocean Oxygen Minimum Zones by the wind interacting with mesoscale eddies	KARSTENSEN, Johannes
16:45	[108] Near-inertial wave interaction with coherent anticyclonic eddies – a ventilation source for oxygen minimum zones?	SCHÜTTE, Florian
17:00	[124] Understanding the dynamics of OMZs by deliberate Tracer Release Experiments (TREs)	Dr TANHUA, Toste
17:15	[190] Understanding the Dynamics of the Oxidic-Anoxic Interface in the Black Sea	STANEV, Emil Vassilev
17:30	[121] Shift in the Black Sea ventilation regime and decline of its oxygen inventory	CAPET, Arthur
17:45	[89] Strong intensification of the Arabian Sea oxygen minimum zone in response to Arabian Gulf warming	Dr LACHKAR, Zouhair