



# Ocean Deoxygenation Conference | Kiel 2018

## Tuesday 04 September 2018

### 05 Major Upwelling Systems: Block 1 - Audimax-Hörsaal-D (16:30-18:00)

time	[id] title	presenter
16:30	[33] Dispersion of a tracer in the Eastern Tropical South Pacific	FREUND, Madeleine
16:45	[142] The role of filaments for ventilating the oxygen minimum zone off Peru	HAUSCHILDT, Jaard
17:00	[168] Impact of non-linear internal waves on the cross slope circulation in the Peruvian upwelling region.	Dr DENGLER, Marcus
17:15	[218] Linking upwelling, export production and nitrogen cycling processes in the OMZ waters of the ETSP	Dr LAVIK, Gaute
17:30	[122] Measurements of biogenic volatile organic compounds (BVOCs) in marine boundary layer of Arabian Sea (OMZ): Role of carbon cycle in pre-monsoon season	Dr SAHU, Lokesh Kumar

## Wednesday 05 September 2018

### 05 Major Upwelling Systems: Keynote Talks - Audimax-Frederik-Paulsen-Hörsaal (09:00-10:45)

time	[id] title	presenter
09:00	[11] Factors affecting the variability of the Arabian Sea OMZ over seasonal, interannual and climate-change time scales	LÉVY, Marina
09:35	[12] The “bad” breath of the ocean: Greenhouse gas emissions from Eastern Boundary Upwelling Ecosystems	ARÉVALO-MARTÍNEZ , Damian L.
10:10	[13] Does the Ocean lose its breath?	Dr LÖSCHER, Carolin

### 05 Major Upwelling Systems: Block 2 - Audimax-Hörsaal-D (14:30-16:00)

time	[id] title	presenter
14:30	[245] VARIABILITY AND TRENDS OF THE OXYGEN MINIMUM ZONE AT THE COASTAL UPWELLING SYSTEM OFF PERU	Dr GRACO, Michelle Ivette
14:45	[174] Intra-seasonal variability of the eastern boundary circulation off Peru and biogeochemical consequence	LÜDKE, Jan
15:00	[150] Spatial heterogeneity of dissolved oxygen and hypoxia events in shallow waters of central Chile: Diurnal and seasonal patterns in an Upwelling Ecosystem	Dr BONICELLI, Jessica
15:15	[117] Recent biogeochemical trends in the Peru upwelling system	ECHEVIN, vincent
15:30	[199] Drivers of Anoxia in a Large Embayment of an Eastern Boundary Upwelling System: St Helena Bay	Dr PITCHER, Grant

# Thursday 06 September 2018

## 05 Major Upwelling Systems: Block 3 - Audimax-Hörsaal-A (16:30-18:00)

time	[id] title	presenter
16:30	[148] DISSOLVED ORGANIC MATTER CYCLING IN THE COASTAL UPWELLING SYSTEM OFF CENTRAL PERU DURING AN "EL NIÑO" YEAR	Mrs IGARZA, Maricarmen
16:45	[202] Distributions and emissions of dissolved methane in coastal upwelling region off Peru	SUN, Mingshuang
17:00	[140] Pathways and variability of N <sub>2</sub> O emissions in the Pacific Ocean	Mr BIANCHI, Daniele
17:15	[95] Insights of the dynamics in the East Pacific Upwelling System from a nested 1/20° ocean circulation model	GETZLAFF, Klaus
17:30	[109] Dissolved oxygen dynamics in coastal upwelling systems: insights from idealized submesoscale physical-biogeochemical modelling	Dr GARCON, Veronique
17:45	[161] Demonstrating the value of enhanced multidisciplinary sustained observations for understanding variability in the oxycline and its impacts on the EBUS ecosystems	TELSZEWSKI, Maciej