

PIRATA 23 MEETING AGENDA

(Marseille, Departemental Archives auditorium; October 22-24th 2018)

Monday	8:30-9:45	Welcoming and registration	
	9:45-10:30	Official Launching Ceremony:	Welcoming by IRD representative (10')
			Welcoming by NOAA representative (10')
			Welcoming by INPE representative (10')
			Welcoming by PIRATA representative (5')
			Welcoming by TAOS representative (5')
			Meeting logistic by a meeting organization committee member (5')
	10:30-11:00	Coffee break	
		SESSION 1: Oceanic and Atmospheric Mechanisms Affecting Tropical Atlantic Climate	
		Chairs: Marcus Dengler and Regina Rodrigues	
	11:00-11:30	Rebecca Hummels (key lecture)	Near inertial wave induced mixing in the tropical Atlantic
	11:30-11:50	Hervé Giordani	What processes control the wind convergence in the boundary layer of the ITCZ in the equatorial Atlantic ?
	11:50-12:10	Gregory Foltz	Vertical turbulent cooling of the mixed layer in the tropical North Atlantic ITCZ and trade wind regions
	12:10-12:30	Renellys Perez	Upper ocean horizontal velocity and vertical shear in the tropical North Atlantic
	12:30-14:00	<i>lunch break</i>	
	14:00-14:30	Kristin Burmeister (key lecture)	Oxygen response to changes in the North Equatorial Undercurrent
	14:30-14:50	Marcus Dengler	Seasonal variability of the Mauritania Current
	14:50-15:10	Mathieu Rouault	New results from the extension of PIRATA in the tropical South-East Atlantic experiment
	15:10-15:30	Mike McPhaden	Mean seasonal cycle of surface heat balance at 6°S, 8°E

	15:30-16:00	Coffee break	
	16:00-16:20	Odilon Joël Houndegnonto	Characterization of Niger and Congo river plumes in the Gulf of Guinea
	16:20-16:50	Regina R. Rodrigues (key lecture)	Marine heatwaves in the tropical South Atlantic
	16:50-17:10	Franz Philip Tuchen	Characteristics of the Atlantic Subtropical Cells inferred from ARGO data
	17:10-17:30	Joke Lübbecke	Drivers of the Atlantic Niño II – the role of warm water volume changes
	17:30-18:00	Open discussion	
Tuesday		SESSION 2: Simulation and Predictability of Tropical Atlantic Climate Variability and Change	
		Chairs: Christina Patricola and Noel Keenlyside	
	9:00-9:30	Hyacinth Nnamchi (key lecture)	Interannual SST—precipitation relationship in the equatorial Atlantic
	9:30-9:50	Richter Ingo	Examining the role of model bias in limiting tropical Atlantic prediction skill
	9:50-10:10	Noel Keenlyside	Impact of reducing climatological bias on seasonal prediction skill
	10:10-10:30	Christina Patricola	The Response of Atlantic Tropical Cyclones to Suppression of African Easterly Waves
	10:30-11:00	Coffee break	
	11:00-11:30	Posters Sessions 1 & 2 introduction	6 posters, 5' each
	11:30-12:30	Posters Sessions 1 & 2	
	12:30-14:00	lunch break	
		SESSION 3: Physical-Biogeochemical Interaction	
		Chairs: Peter Brandt and Marie-Hélène Radenac	
	14:00-14:30	Xavier Capet (key lecture)	On Nearshore hypoxia and oxygen ventilation in the Eastern tropical North Atlantic
	14:30-14:50	Peter Brandt	Oxygen changes in the tropical North Atlantic in connection to meridional overturning circulation and subtropical cell variability

	14:50-15:10	Johannes Hahn	Eddy-driven oxygen supply to the eastern tropical North Atlantic oxygen minimum zone
	15:10-15:30	Martin Claus	Ventilation of the eastern tropical North Atlantic oxygen minimum zone by latitudinally alternating zonal jets in a shallow water model
	15:30-16:00	<i>Coffee break</i>	
	16:00-16:30	Paulo Nobre (key lecture)	The PIRATA-BR XVII Multiscience Expedition
	16:30-16:50	Jérémie Habasque	Environmental forcing of marine organisms as revealed by underwater acoustics in the eastern tropical-equatorial Atlantic
	16:50-17:10	Marie-Hélène Radenac	Seasonal cycle of nitrate in the euphotic layer of the Atlantic Cold Tongue
	17:10-17:35	Posters sessions 3 & 4 introduction	5 posters, 5' each
	17:35-18:00	Open discussion	
	18:30 - 21:00	<i>Icebreaker (Golden Tulip Hotel, 2nd floor)</i>	
Wednesday		SESSION 4: Societal impacts and benefits of the Tropical Atlantic Observing System	
		Chairs: Moacyr Araujo and Paul Poli	
	9:00-9:30	Paul Poli (key lecture)	Tropical Atlantic data buoys in the global observing system: Impact on global weather forecasts
	9:30-9:50	Abdoulaye Sarre	Early warning for food security in North-West Africa: spatial shift of small pelagic fish related to intense warming
	9:50-10:10	Alban Lazar	COCA: A Coastal Ocean Observatory for marine Climate, CO2 & Acidification in the Atlanto-Pacific region.
	10:10-10:30	Posters sessions 3 & 4	
	10:30-11:00	<i>Coffee break</i>	
	11:00-11:10	Rise of PIRATA: 1995-2005	Jacques Servain
	11:10-12:00	Update on the OO TAOS White Paper	Gregory Foltz & discussions
	12:00-12:30	Toward TAOS review, OceanObs and closure ceremony	Moacyr, Noel, Peter, Bill
	12:30-14:00	<i>lunch break</i>	

		POSTERS presentations	<i>note: posters will be maintained during the whole meeting</i>
Tuesday	11:30-12:30	Session 1:	
		Alina Nathanaël Dossa	Ocean circulation over the continental slope of Northeast Brazil
		Ioana Ivanciu	What causes the Atlantic Niño mode to vary on decadal timescales?
		Jérémie Habasque	Inter-comparison of surface current in situ measurements in Tropical Atlantic Ocean
		Kanga Désiré Kouamé	Determination of surface mixed layer depth in East Equatorial Atlantic waters using 40 years of in situ data
		Session 2:	
		Gbekpo Aubains Hounsou-Gbo	Oceanic index vs. numerical model to forecast the rainy season in the Northeast Brazil
		Swantje Bastin	Forcing the Atlantic equatorial deep jets: A basin-wide reconstruction of the intraseasonal eddy momentum flux
Wednesday	10:10-10:30	Session 3:	
		Christine Carine Tchamabi	Investigating the variability of the upper ocean biogeochemical content of the tropical Atlantic
		Jacques Servain	Climatic Constraints on Growth Rate and Geochemistry of the Rocas Atoll's Coral
		Ndague Diogoul	Effect of environmental variables on the vertical structure of micronektonic layers over the continental shelf
		Session 4:	
		Mélodie Trolliet	Monthly solar radiation in the tropical Atlantic Ocean: Can its spatial variations be captured by the current configuration of the PIRATA moorings?
		Anne Mouget	ocean surface with PIRATA measurements