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ICTP-CLIVAR Summer School on Oceanic Eastern Boundary Upwelling Systems | (smr 3312)

Monday 15 July 2019

- Giambiagi Lecture Hall (AGH) (08:30-17:30)

time	title	presenter
08:30	Administrative formalities	
09:00	Introduction of Lecturers and Participants	
09:30	Role of international efforts on Climate change including EBUS	ITAHISA DENIZ GONZALEZ
09:45	Eastern Boundary Upwelling Systems: importance and critical processes	ANNALISA BRACCO (GEORGIA INSTITUTE OF TECHNOLOGY), ALBAN LAZAR (UNIVERSITY PIERRE AND MARIE CURIE), RYAN RYKACZEWSKI (UNIVERSITY SOUTH CAROLINA), THOMAS TONIAZZO (BJERKNES CENTRE FOR CLIMATE RESEARCH, BERGEN), RICCARDO FARNETI (ICTP)
10:30	Coffee break	
10:45	Historical variability in EBUS and considerations about their future	RYAN RYKACZEWSKI
11:30	Climatology of the atmospheric circulation	THOMAS TONIAZZO
12:15	Climatological ocean dynamics	MARTIN SCHMIDT
13:00	Lunch / Swim	
13:30	Financial Formalities	
16:00	The NetCDF format, data sources, and analysis tools	

- Giambiagi Lecture Hall (AGH) (17:30-19:30)

time	title	presenter
17:30	Welcome Reception	

Tuesday 16 July 2019

- Giambiagi Lecture Hall (AGH) (09:00-19:00)

time	title	presenter
09:00	Processes determining cloudiness distributions in EBUS regions: Part 1	PAQUITA ZUIDEMA
09:45	Processes determining cloudiness distributions in EBUS regions: Part 2	PAQUITA ZUIDEMA
10:30	Group Photo	
10:35	Coffee break	
10:45	Atm. circulation and coastal topography	RENE GARREAUD
11:30	Drivers of coastal along-shore winds and their variability	THOMAS TONIAZZO
12:15	Cloud impacts across time scales	RENE GARREAUD
13:00	Lunch / Swim	
16:00	Data Analysis/Case Study	
17:30	Coffee break	
17:45	Data Analysis/Case Study	

Wednesday 17 July 2019

- Giambiagi Lecture Hall (AGH) (09:00-19:00)

time	title	presenter
09:00	Response of the ocean to wind fields	MARTIN SCHMIDT
09:45	Transport and mixing at the ocean mesoscale	ANNALISA BRACCO
10:30	Coffee break	
10:45	Processes controlling SSTs	ALBAN LAZAR
11:30	Transport and mixing at the ocean submesoscales	ANNALISA BRACCO
12:15	Coupled atmosphere-ocean feedbacks	ART MILLER
13:00	Lunch / Swim	
16:00	Participants' Poster Session	
17:30	Coffee break	
17:45	Participants' Poster Session	

Thursday 18 July 2019

- Giambiagi Lecture Hall (AGH) (09:00-17:45)

time	title	presenter
09:00	Large-scale biogeochemistry and plankton ecology in EBUS	RYAN RYKACZEWSKI
09:45	Role of (sub)Mesoscale for biogeochemistry and ecology in EBUS	IVY FRENGER
10:30	Coffee break	
10:45	Biogeochemical Models in EBUS	IVY FRENGER
11:30	Upwelling impacts on the world's largest fishery, the Peruvian anchoveta	FEI CHAI
12:15	Data assimilation; adjoint models	ART MILLER
13:00	Lunch / Swim	
16:00	Data Analysis/Case Study	
17:30	Coffee break	

ICTP SOCIAL EVENT - "From Africa to Asia" - Leonardo Building Terrace (19:30-23:00)

There's no better place to celebrate summer than an "African- Asian" party at the ICTP featuring live percussionists and performers plus great dance music from all continents with DJ Patrick!

Join the party at the Leonardo Building Terrace on Thursday 18 July 2019 from 19:30 to 23:00 hrs!

A special buffet dinner will be served at the Leonardo Cafeteria starting at 19:30 and payable with two half-meal coupons or by cash - Euros 10.

Looking forward to seeing you with your friends and families!

Hosted Activities Office

Friday 19 July 2019

- Giambiagi Lecture Hall (AGH) (09:00-19:00)

time	title	presenter
09:00	Equatorial and coastal wave teleconnections in the EBUSs	ALBAN LAZAR
09:45	Variability and equatorial teleconnections	RENE GARREAUD (UNIVERSITY OF CHILE), ART MILLER (SCRIPPS INSTITUTE OF OCEANOGRAPHY)
10:30	Coffee break	
10:45	Downscaling of climate change impacts on EBUS biogeochemistry	FEI CHAI
11:30	EBUS biases and uncertainties in global and regional models	THOMAS TONIAZZO (BJERKNES CENTRE FOR CLIMATE RESEARCH, BERGEN), RICCARDO FARNETI (ICTP)
12:15	Alongshore winds in IPCC model projections	RYAN RYKACZEWSKI
13:00	Lunch / Swim	
16:00	Debate on climate change in EBUS: selection of hypotheses from the literature	
17:30	Coffee break	
17:45	Debate on climate change in EBUS: discussion on hypotheses	