

2ND MEETING OF IFAECI (UMI 3351)

Museo Argentino de Ciencias Naturales, Av. Angel Gallardo 470, Buenos Aires

AGENDA (17 April 2011)

25 April 2011	Plenary Session (Salón de Actos – 1 st floor)
08:00-08:30	Registration
08:30-08:40	Opening remarks (Carolina Vera)
	<u>Atmospheric Modeling</u>
08:40-09:00	What can we expect from LMDZ in terms of regional climate studies? (Laurent Li)
09:00-09:20	Regional climate modeling over South America: challenges and perspectives (Silvina Solman)
09:20-09:40	Laboratoire d'Excellence": potential relevance for the UMI-IFAECI (Hervé Le Treut)
09:40-10:00	Assessing forecast uncertainty from synoptic to sub-seasonal scales (Celeste Saulo)
10:00-10:20	Performance of a high resolution global model over southern South America (Mario Nuñez)
10:20-10:40	On the simulation of regional climate in South America with emphasis on extremes and surface processes (Claudio Menendez)
10:40-11:10	<i>Coffee-Break</i>
11:10-11:30	CLARIS SCA: proposal for a new project addressing Climate Change mechanisms and impacts in the Southern Central Andes (J. Boninsegna)
	<u>Physical processes associated to climate variability and change</u>
11:30-11:50	Tropical variability in the ongoing CMIP5 simulations at IPSL (Francois Lott)
11:50-12:10	Understanding physical processes linked to climate variability and change in the South America Monsoon System (Carolina Vera)
	<u>Climate Change Detection and Indices</u>
12:10-12:30	Detection and attribution of climate change : overview and future plans (Aurelien Ribes)
12:30-14:00	<i>Lunch</i>
14:00-14:20	Analysis of extreme events variability and quantification of model uncertainties (Matilde Rusticucci)
	<u>South Atlantic Ocean</u>
14:20-14:40	SAMOC: South Atlantic Meridional Overturning Circulation Experiment (Alberto Piola)
14:40-15:00	Mesoscale eddies from satellite altimetry in the Southwestern Atlantic (M. Saraceno and C Provost)
15:00-15:20	Intercambios de CO2 entre el mar y la atmósfera en el Mar Patagónico y Mar de Weddell- Interacción con la actividad biológica (Diana Ruiz Pino, Alejandro A. Bianchi y Pedro Flombaum)
	<u>Coastal Oceanography</u>

15:20-15:40	Numerical Modeling and Observation of the Fine Sediments in the Rio de la Plata Estuary (Claudia Simionato)
15:40-16:10	Coffee-Break
16:10-16:30	Effects of Climate Change on the Plata River: floods, saline wedge intrusion, Paraná Delta growth, sediment dynamics, pollutant dynamics (Angel Menendez)
16:30-16:50	A proposed study of the Surface Salinity variability in the SWA using in situ observations and data from Aquarius/SAC-D mission (R. Guerrero)
	<u>Mesoscale</u>
16:50-17:10	Modeling clouds at high resolution: cloud dynamics, microphysics, and satellite observations/Possibility of extending IAGIOS-MOZAIC airborne observations of ozone and carbon monoxide towards Argentina and southern Atlantic (Patrick Mascart)
17:10-17:30	Mesoscale environments related to precipitation extremes and severe events in convective situations over SESA, their simulation with high resolution models (Matilde Nicolini)
	<u>Observing the atmosphere</u>
17:30-17:50	Ozone depletion measurements in Southern Patagonia. (Elian Wolfram)
17:50-18:10	Atmospheric boundary layer and biomass burning aerosol measurement and characterization using lidar and sun photometer over Buenos Aires. (Lidia Otero)
18:10-18:30	Ongoing Raman lidar developments at CEILAP. (A) Multiwavelength Scanning Raman Lidar at Los Andes Mountains. (B) Continuous operation Raman Lidar station for aerosol network studies. (Pablo Ristori).
18:30-20:30	Ice Breaker (Dinosaur Room)

26 April 2011	Morning Plenary Session (Salón de Actos – 1 st floor)
	<u>Prospective scientific issues</u>
08:30-08:55	State of the art and prospective of global climate modeling. (H. Le Treut)
08:55-09:20	South Atlantic role in Climate (A. Piola)
09:20-09:45	Challenges in the study of the American Monsoon Systems (C. Vera)
09:45-10:10	Development, Adaptation and Mitigation to Climate Risks (J.-P. Boulanger)
	<u>Climate Change impacts in regional hydrology</u>
10:10-10:30	Recent hydrological and climatological changes (V. Barros)
10:30-11:00	Coffee Break
	<u>Institutional talks</u>
11:00-11:20	Ocean and atmosphere at CNRS-INSU and the UMI-IFAECI (Jean-Marie Flaud)
11:20-11:40	CNRS e IRD : presencia en el Cono Sur de AL (Jean-Francois Marini)
11:40-12:00	Mecanismos de cooperación internacional en CONICET (Jorge Tezon)
12:00-12:20	Overview of research funding opportunities available to the UMI

	(Alexis Hannart)
12:20-14:00	Lunch
14:00-15:40	Working Groups (Salón de Actos, Salón Tiburón)
15:40-16:10	Coffee-Break
16:10-18:30	Working Groups

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08:30-10:30	Working Groups
10:30-11:00	Coffee Break
11:00-12:30	Working Groups
12:30-14:00	Lunch
14:00-15:40	Plenary Session: Working Group presentations
15:40-16:10	Coffee-Break
16:10-18:30	Plenary Session: Working Group presentations
18:30	Meeting Adjourn