



RESEARCH CONFERENCES

ESF-LFUI Conference

Modes of Variability in the Climate System: Past-Present-Future

Obergurgl • Austria

27 May - 01 June 2012

LIST OF ACCEPTED POSTERS

	Surname	First Name	Poster Title
1	Andreev	Andrei	Late Pliocene/Early Pleistocene environments of the north-eastern Siberian Arctic inferred from Lake El'gygytgyn pollen record
2	Baggenstos	Daniel	Gas records from Taylor Glacier, Antarctica covering the Last Glacial Termination: a horizontal ice core
3	Baratelli	Fulvia	The response of the Antarctic ice sheet and ice shelves to climatic changes: a sensitivity analysis
4	Bombardi	Rodrigo Jose	The South Atlantic Dipole Events during ENSO Neutral Periods and Their Relationships with the Precipitation in Brazil
5	Casado	Mathieu	Mapping of correlation between NAO and precipitation weighted data to investigate NAO patterns during Medieval Climate Anomaly.
6	Cassano	John	Reconstruction of the synoptic climatology of McCall Glacier using ice core data
7	Chen	Min-Te	Dynamic millennial-scale climate changes in the northwestern
8	Codron	Francis	Past and future changes in winds over the Southern Ocean
9	Davis	Basil	Interglacial warming as a result of a persistent positive phase of the Northern Annular Mode (NAM)
10	De Cort	Gijs	Patterns and causes of East African hydroclimatic variability over the past 2000 years
11	De La Fuente	Maria	Assessing the potential of foraminiferal B/Ca ratios by Laser Ablation-ICPMS in paleoreconstructions
12	Ermakov	Ilya	Dynamic emulator of the ocean and atmosphere carbon exchange model
13	Eronen	Jussi Tuomas	Precipitation patterns and variability at million year scale from terrestrial fossil data: comparison with climate model data and possibilities for model validation
14	Ferretti	Patrizia	North Atlantic millennial scale climate variability during orbitally changing boundary conditions
15	Franke	Jörg	Data assimilation of climate proxies in a set of 30 model simulations using the Ensemble Kalman Filter
16	Gabrielli	Paolo	Urgency and need to rescue ice core records from untapped warming glaciers: the case of Ortles, South Tyrol

17	Gagen	Mary	Palaeocloud reconstructions from pine tree rings in northern Fennoscandia over the last thousand years
18	Galbraith	Eric	The impact of orbital obliquity and precessional phase on ocean circulation and biogeochemistry
19	Gfeller	Gideon	Recent accumulation rates and impurity seasonalities derived from NEEM firn cores
20	Gottschalk	Julia	Relationship of atmospheric CO2 variations with hydrologic changes in the sub-Antarctic South Atlantic on millennial time scales
21	Grosjean	Martn	Climate variability in southern South America (PAGES 2k LOTRED-SA): from single site reconstructions to regional climate variability and dynamics
22	Herguera	Juan Carlos	Seasonality and ENSO in high resolution cores in the NE Pacific: The last millenium
23	Huth	Radan	Combined effects of the 11-year solar cycle, geomagnetic activity, and quasi-biennial oscillation, on tropospheric modes of variability
24	Hyun	Yu-Kyung	ENSO Effects on Tropical Cyclone Genesis in HadGEM2-AO
25	Jaccard	Samuel	Two modes of change in Southern Ocean productivity over the past million years
26	John	Isabelle	Marine Isotope Stage 5 Climate Variability in the Central Balkan Peninsula
27	Kiefer	Thorsten	Regional climate dynamics during the last 2000 years – the PAGES 2k Network
28	Kleinen	Thomas	The carbon cycle during recent interglacials
29	Lee	Jong-Hwa	Variability of boreal winter mode in AR5 simulation of HadGM2-AO
30	Liu	Yao	Modeling vegetation of the past: integrating fossil pollen data with vegetation modeling
31	Lucas-Picher	Philippe	A poor man's regional reanalysis
32	Machalett	Bjoern	Late Pleistocene Aeolian Dust Dynamics in Central and East Asia and their Teleconnection with Short-term Climate Oscillations and Abrupt Climate Events in the Northern Hemisphere
33	Martinelli	Elisa	Understanding Late Glacial to Holocene Environmental Variability in the Insubria Region, N Italy: new data from the Como-Piazza Verdi drilling
34	Matei	Monica	Observed changes of the European large-scale atmospheric circulation in the climate change context
35	Misra	Vasubandhu	Why models project to dry the summers of the southeast US in a future world?
36	Moore	Kent	Multi-decadal Mobility of the North Atlantic Oscillation
37	Nurhati	Intan Suci	Coral records of 20th century central tropical Pacific SST and salinity: Signatures of natural and anthropogenic climate change
38	Omuombo	Christine Atieno	Biogeochemical proxies of climate change and land use patterns in the Central Kenyan highlands
39	Ortega	Pablo	Imprints of climate variability over Greenland: an assessment within the last millennium
40	Patacic	Mirta	Indices of 2m temperature and precipitation extremes in the RegCM climate change simulations over Europe and Croatia
41	Petit	Jean Robert	Interannual variability in atmospheric circulation from inland Antarctic pit studies

42	Plavcova	Eva	Future changes of circulation types and projected surface temperatures over Central Europe in climate models
43	Pokorna	Lucie	A Comparison of Different Definitions of the North Atlantic Oscillation Index based on their correlations with Surface Climate Elements in the Czech Republic
44	Pollinger	Felix	Climate change signals of extratropical circulation modes against model uncertainty
45	Poto	Luisa	High-resolution multi-proxy record of climatic and environmental conditions during the Holocene in the Eastern Italian Alps using a novel XRF and ICP-MS calibration method
46	Prendergast	Amy	Late Pleistocene to Holocene climate and seasonality in North Africa from the stable isotope analysis of marine and terrestrial mollusc shells (Haua Fteah, Libya)
47	Prokopenko	Alexander	Stable isotope records of millennial-scale climate variability of the past 60 kyr in Lake Baikal watershed, continental interior Asia
48	Raible	Christoph C.	Changing correlation structure of the Northern Hemisphere atmospheric circulation from 1000 to 2100 AD
49	Rodrigues	Teresa	Extreme Glacial conditions in the Iberian Margin during MIS 12 and MIS14
50	Sampatakaki	Angeliki	Early to middle Holocene SST gradients in the Mediterranean Sea: A comparative study between the eastern and western sub-basin
51	Schmidt	Kerstin	Variability of aerosol ice core tracers in coastal Dronning Maud Land, Antarctica
52	Schmitt	Jochen	Mid-Brunhes shift in continental weathering intensity and its feedback with atmospheric CO ₂ : insights from a new ice core proxy
53	Schwikowski	Margit	Mineral dust in ice cores as proxy for NAO and PDO variability
54	Simpson	Isla	Stratospheric variability and tropospheric annular mode timescales
55	Vallelonga	Paul	Duration and climate variability of Greenland Stadial 22 in the NorthGRIP ice core
56	Varikoden	Hamza	Spatial trends of Indian summer monsoon rainfall for a period of 1901 to 2004 for different intensity classes
57	Wegner	Anna	The role of seasonality of mineral dust concentration and size on glacial/interglacial dust changes in EPICA Dronning Maud Land ice core
58	Werner	Johannes Peter	Benefits of pattern based climate field reconstructions: A pseudo proxy experiment comparing localised and pattern based reconstruction methods
59	Werner	Martin	Water isotopes as a recorder of climate variability on different time scales – A modeling perspective
60	White	James William Carl	Modes of abrupt climate transitions in Greenland ice, with new observations from NEEM
61	Woodworth	Jonathan	The Role of Eddy Fluxes of Heat and Momentum in Midlatitude Climate Variability
62	Xue	Jibin	Climatic changes since the last deglaciation inferred from a lacustrine sedimentary sequence in the eastern Nanling Mountains, South China
63	Yu	Bin	Structure and variances of equatorial zonal circulations in a multimodel ensemble
64	Zanchettin	Davide	Multidecadal-to-centennial SST variability in the MPI-ESM simulation ensemble for the last millennium