

ESF-FWF Conference in Partnership with LFUI

Ocean Controls in Abrupt Climate Change

Universitätszentrum Obergurgl (Ötz Valley, near Innsbruck) | Austria

19-24 May 2007

www.esf.org/conferences/07221

1	Karin Petra Boessenkool	<i>North Atlantic Climate and deep-ocean Flow during the last 230 Years</i>
2	Cristiano Mazur Chiessi	<i>Centennial-scale freshwater input variability in the western South Atlantic during the last deglaciation</i>
3	Lewis Collins	<i>The Scotia Sea: Reconstructing glacial climates from diatom assemblages</i>
4	Elena Colmenero-Hidalgo	<i>Evidence for tight ice-ocean coupling in the NE Atlantic during the Last Glacial. A multi-proxy study on core MD04-2829CQ, N Rockall Trough</i>
5	Mary Elliot	<i>Seasonally resolved paleoclimate records from the Western Pacific warm pool for the early Holocene period</i>
6	Paolo Gabrielli	<i>Evidence of a return to dry glacial conditions in Southern America about 8 kyr BP inferred from Rare Earth Elements determined in EPICA Dome C Antarctic ice</i>
7	Catalina Gonzalez	<i>Terrestrial-marine responses to rapid climate changes in northern South America: palynological evidence from the Cariaco Basin</i>
8	Aline Govin	<i>A high resolution record of the last glacial inception in the Indian sector of the Southern Ocean: timing and links polar latitudes of both hemispheres</i>
9	Virginie Guemas	<i>An analysis of the Atlantic Meridional Overturning Circulation (MOC) in an atmosphere-ocean general circulation model</i>
10	Abel Guihou	<i>Changes in Meridional Overturning Circulation in the North Atlantic at the end of the last Interglacial as recorded with sedimentary ($^{231}\text{Pa}/^{230}\text{Th}$)_{xs,0}</i>
11	Gemma Herrera Pujol	<i>Past changes in water masses properties from the Western Mediterranean Sea based on geochemical proxies from planktonic and benthic foraminifera</i>
12	Katrine Husum	<i>Improving Ocean Temperature Proxies – Reconstruction of Sea Surface Temperatures in northern high-latitude oceans</i>
13	Elena Ivanova	<i>The MOC impact on the abrupt climate and environmental changes in the Western Eurasian Seas through the Holocene</i>
14	Samuel Jaccard	<i>Evidence from the central Atlantic for variability in the rate of intermediate- and deep water circulation over the past 50 kyrs</i>

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15	Lukas Jonkers	<i>Delayed response of the Atlantic Meridional Overturning Circulation to glacial freshwater perturbations</i>
16	Jed O. Kaplan	<i>Abrupt climate change effects on the terrestrial biosphere</i>
17	Markus Kienast	<i>Linking eastern equatorial Pacific hydrography and biogeochemistry to high-latitude climate changes during deglaciation</i>
18	Amaelle Landais	<i>Oxygen-17 as a unique tracer of past humidity over the ocean</i>
19	Susana Martín Lebreiro	<i>Higher frequency of turbidites during abrupt climatic "Heinrich" and "Dansgaard-Oeschger"-type events – evidence for slope instability on the Portuguese margin</i>
20	Guillaume Leduc	<i>ITCZ rather than El Niño signature for abrupt climatic changes across the equatorial Pacific?</i>
21	Allegra N. LeGrande	<i>The ocean's involvement in mitigating abrupt climate change</i>
22	Joe Melton	<i>Wetland methane carbon isotope dynamics over an abrupt climate change</i>
23	Gesine Mollenhauer	<i>Linking Sahelian vegetation and sea-surface temperature variations off Senegal during the late Holocene</i>
24	Elizabeth Molyneux	<i>Deep Water Variability On The Southern Agulhas Plateau: Interhemispheric Links Over The Past 170 ka</i>
25	Carrie Morrill	<i>Sea ice feedbacks governing abrupt climate recovery after North Atlantic freshwater forcing</i>
26	Stefan Müllegger	<i>Postglacial changes in Southeast Atlantic surface water stratification inferred from high resolution planktonic foraminiferal records</i>
27	Stefan Ritz	<i>Atmospheric Carbon-14 and Sea Surface Reservoir Age during Ocean Circulation Changes: Comparing Model Simulations with Recent Reconstructions</i>
28	Tairu Salami	<i>Interactions between atmosphere, ecosystem and marine environment in Nigeria</i>
29	Matthew Schmidt	<i>Florida Current Salinity and Transport Variation across the Last Glacial Termination</i>
30	Ingmar Unkel	<i>Isla de los Estados (Patagonia) - an Island at the end of the world? Preliminary palaeoclimate data over the last 15 ka based on ^{14}C and XRF analyses</i>
31	Paul David Williams	<i>Climate and the hydrological cycle</i>