

Monday, September 6, 2010

Session A2:

Lecture Room 8

Session A2: Sea level reconstructions based on foraminifera

Convenors: Gerhard Schmiedl, Yvonne Milker

- 09:00 **Ane García-Artola, Alejandro Cearreta, Eduardo Leorri:** Recent sea-Level changes in the southern Bay of Biscay (N Spain): Application of a foraminifera-based transfer function to the saltmarsh sedimentary record
- 09:20 **Hugh R Grenfell, Bruce W. Hayward, Ashwaq Sabaa, Jon Kay:** A dissolution-based foraminiferal proxy for low tide
- 09:40 **Yvonne Milker, Gerhard Schmiedl, Christian Betzler:** Sea-level change in the western Mediterranean Sea during the past 12.4 kyr: Quantitative reconstructions based on foraminiferal transfer functions
- 10:00 – 10:20 **Coffee break**
- 10:20 **Nina V. Joseph, Jürgen Titschack, Gerhard Schmiedl, André Freiwald:** Bathymetric reconstruction of a Middle Pleistocene section on Rhodes (Greece)
- 10:40 **Oliver Friedrich, Clara T. Bolton, Christopher Beer, Paul A. Wilson, Ralf Schiebel:** Millennial-Scale changes in ice volume, sea level and North Atlantic SST during MIS 100 (Latest Pliocene)
- 11:00 **Ulrich Kotthoff, Miriam E. Katz, Francine M. G. McCarthy:** Foraminifer- and palynology-based reconstructions of site-shoreline distance, sea-level, and ecosystems: New data from the New Jersey Shallow Shelf (IODP Expedition 313)
- 11:20 **José Noel Pérez Asensio, Julio Aguirre, Jorge Civis, Gerhard Schmiedl:** Sea-Level reconstruction based on foraminifera: A case study from the Late Neogene in the Guadalquivir Basin (SW Spain)
- 11:40 **Flavia Fiorini:** Foraminifera and thecamoebians from Miocene mangrove environment of Colombia
- 12:00 – 13:20 **Lunch Break**
- 13:20 **Aristóteles M. Rios-Netto, Isabella L. Antunes, David Bentes, Carlos J. Abreu:** Foraminiferal analyses, sea-level fluctuations and depositional dynamics of a modern deep-water lobe complex in Campos Basin
- 13:40 **F. Kechid-Benkherouf:** Preliminary data on the events of the Cenomanian-Turonian boundary in Atlasic and Tellian Domains (Algeria) from a comparative study on foraminifera assemblages
- 14.00 **Missoum Herkat:** Application of correspondence analysis to the palaeobathymetric reconstruction of Pliocene series of the Sahel (North Algeria)

Poster Presentations (Session A2)

Posters for this session will be presented from Sunday, September 5, to Tuesday, September 7. Numbers refer to poster board numbers

- 18** **Eric Armynot du Châtelet, Philippe Recourt, Alain Trentesaux:** Foraminifera and testate amoebae, micropalaeontological tools for past reconstruction; application on a 15th century wreck history reconstruction

- 19 **Regina Lucia Bruno, Claudia Gutterres Vilela, José Antônio Baptista-Neto:** Benthic foraminiferal assemblage in sediment facies in cores drilled at the Maricá Lagoon
- 20 **Letizia Di Bella, Piero Bellotti:** Late Pleistocene-Holocene sea level changes as recorded by foraminiferal assemblages in the Tyrrhenian continental shelf off the Tiber delta (Central Italy).
- 21 **Sibelle Trevisan Disaró, Leonardo Zagonel Serafini, Rodrigo Aluizio:** Vertical and horizontal distribution of foraminifera at Pereque Mangrove (Parana, Brazil)
- 22 **Zofia Dubicka, Danuta Peryt:** Foraminiferal biostratigraphy and sea level curve for the Maastrichtian strata of the Lublin Lviv Syncline (SE Poland and West Ukraine)
- 23 **Kazuhiko Fujita, Akitoshi Omori, Yusuke Yokoyama, Saburo Sakai, Yasufumi Iryu:** Sea-level rise during Termination II inferred from large benthic foraminifers: IODP Expedition 310, Tahiti Sea Level
- 24 **Bruce Jaffe, Mary McGann, Mark Buckley, Steven Watt, Brian Atwater, Uri ten Brink:** Possible paleo-tsunami deposits in Northwestern Puerto Rico
- 25 **Christopher Lowery, Mark R. Leckie, Emily Browning, Cedric John:** Revised biostratigraphy for ODP Leg 194, Marion Plateau, NE Australia: Dating and timing of sea level events
- 26 **Blanca Martínez García, Ana Pascual, Julio Rodríguez-Lázaro:** Benthic foraminifers indicative of Quaternary water masses in the Basque Shelf (S Bay of Biscay)
- 27 **Durdica Pezelj, Oleg Mandic, Jasenka Sremac:** Paleoenvironmental dynamics in Southern Pannonian Basin during Middle Miocene marine flooding
- 28 **Mathieu Richaud:** Foraminiferal paleobathymetry and biofacies analysis at the Pleistocene-Pliocene boundary, Canterbury Basin continental shelf, New Zealand. Preliminary results from IODP Exp. 317
- 29 **David B. Scott, Jere H. Lipps, Thomas E. Duffett:** Catching an earthquake in progress: the January 9, 2010, 6.5 earthquake in Northern California
- 30 **Robert P. Speijer, Tanja J. Kouwenhoven, Thi Minh Phuong Nguyen:** Opportunities and pitfalls of the use of planktic/benthic ratios in paleodepth reconstructions
- 31 **Donata Violanti, Elisa Bernardi, Francesca Lozar, Francesco Dela Pierre, Pierangelo Clari:** Foraminiferal assemblages and paleoenvironmental reconstruction in the Messinian of Tertiary Piedmont Basin (Northwestern Italy)