

Friday, September 10, 2010

Session D4:

Lecture Room 10

Session D4: Mesozoic and Cenozoic planktonic foraminiferal evolutionary history and paleobiology: New insights and interpretations

Convenors: Brian Huber, Maria Rose Petrizzo, Mark Leckie

- 09:00 **Ágnes Görög, Balázs Szinger, Roland Wernli:** Late Jurassic-Early Cretaceous planktonic foraminifera from Tata, Gerecse Mts, N-Hungary
- 09:20 **Brian T. Huber, Kenneth G. MacLeod, Maria Rose Petrizzo, Alvaro Jiménez Berrocoso:** Mid-Late Cretaceous 'glassy' Foraminifera and stable isotope records from the Tanzania Drilling Project
- 09:40 **Maria Rose Petrizzo, Francesca Falzoni, Isabella Premoli Silva:** The *Globotruncana ventricosa* Zone: Comments on reliability and global correlations
- 10:00 – 10:20 **Coffee break.**
- 10:20 **Francesca Falzoni, Maria Rose Petrizzo:** Evolution of meridionally arranged ornamentation in Late Cretaceous Planktonic Foraminifera taxa
- 10:40 **Sigal Abramovich, Carmi Rak, Chaim Benjamini, Ahuva Almogi Labin, Zsolt Berner:** The depth habitat of Guembelitra (Cushman) in the late Maastrichtian: Isotopic evidence from pristine shells from Brazos River (Texas)
- 11:00 **Andrew Fraass, Shanan Peters, Clay Kelly:** Statistical evidence for selectivity in the Planktic Foraminifera
- 11:20 **Aude G. M. Caromel, Daniela N. Schmidt, Jeremy C. Phillips, Emily J. Rayfield:** A link between form and function in Planktic Foraminifera?
- 11:40 **Tracy Aze, Paul N. Pearson, Andy Purvis, Thomas H.G. Ezard:** Macroevolution of Cenozoic macroperforate planktonic foraminifera
- 12:00 – 13:20 **Lunch Break**
- 13:20 **Michael W. Knappertsbusch, Yannick Mary:** AMOR helps to decipher morphological evolution in menardiform planktonic foraminifera
- 13:40 **Vlasta Premec Fucek, Paul N. Pearson, Morana Hernitz Kucenjak:** The biostratigraphy and stable isotope paleoecology of the late Middle Eocene planktonic foraminifera (North Adriatic Sea, Croatia)
- 14:00 **Njoud Gallala, Dalila Zaghbib-Turki, Mohamed Moncef Turki, Ignacio Arenillas, José Antonio Arz, Eustoquio Molina:** Planktic foraminiferal biostratigraphy and correlation across the Cretaceous-Paleogene transition at the Tethys (Tunisia, Spain) and the Atlantic realms (France)

Poster Presentations (Session D4)

Posters for this session will be presented from Wednesday, September 8, to Friday, September 10. Numbers refer to poster board numbers

- 179 **Martin P. Crundwell, Marina Verducci:** The early history of the planktic foraminiferal clade Truncorotalia: A tale of masked identity and climate change
- 180 **Kate Darling, Ellen Thomas, Simone Kasemann, Heidi Sears, Christopher Smart, Christopher Wade:** Surviving the K-Pg Mass Extinction by bridging the Benthic/Planktic divide

- 181 **Francesca Falzoni, Maria Rose Petrizzo:** Remarks on *Globotruncana Insignis* types: how the reconstruction of the phyletic lineage can solve taxonomic debates
- 182 **Carlos A. Sánchez-Quiñónez, Laia Alegret, Roque Aguado, Antonio Delgado, Juan C. Larrasoana, Agustín Martín-Algarra, Luis O´Dogherthy, Eustoquio Molina:** Integrated stratigraphy across the Cenomanian/Turonian boundary at the El Chorro section, Southern Spain
- 183 **Morena Hernitz Kucenjak, Vlasta Premec Fucek, Renata Slavkovic:** Planktonic Foraminiferal Biostratigraphy and Paleocology of the Oligocene in the North Adriatic Sea (Croatia)
- 184 **Njoud Gallala, Dalila Zaghbib-Turki, Mohamed Moncef Turki, Ignacio Arenillas, José Antonio Arz, Eustoquio Molina:** Planktic foraminiferal behaviour and stratigraphical ranges below and at the K/Pg boundary at Tethys realm: El Kef GSSP, Ellès, Oued El Melah, Oued Es Smara, Oued Abiod (Tunisia), Agost, Caravaca (Spain) and Atlantic realm: Bidart (France)
- 185 **Xabier Orue-Etxebarria, Estibaliz Apellaniz, Silvia Ortiz, Victoriano Pujalte, Juan I. Baceta, Fernando Caballero:** New foraminiferal criteria to pinpoint the newly defined GSSP for the Mid-Paleocene Selandian Stage in the Zumaia Section (Basque Country)
- 186 **Dario M. Soldan, Maria Rose Petrizzo, Isabella Premoli Silva, Andrea Cau:** Phylogenetic relationships and evolutionary history of the Early Paleogene genus *Igorina* through parsimony analysis
- 187 **Marina E. Bylinskaya:** Taxonomy of the *Globorotalia crassaformis* subspecies and their use in stratigraphy