Program 2nd workshop on Pliocene climate

Naafs, Badger, Khélifi

Sunday 08.09.13		
18.00 –	**Social at the pub (Hope & Anchor)**	
Monday 09.09.13 (The Clifton Pavilion, Bristol Zoo Gardens)		
08.30 – 08.45	***Registration***	
08.45 – 09.00	***Opening***	
09.00 – 12.00	***Session 1: High latitude climate during the Pliocene (convener: G. Haug)***	
09.00 - 09.17	de Vernal, Anne	*The Palynological record of the Pliocene in the Labrador Sea*
09.17 - 09.34	Brigham-Grette, Julie	*Pliocene History from Lake El'gygytgyn, NE Russia: Continuous terrestrial evidence of Pliocene climate variability*
09.34 - 09.51	Donders, Timme	*Land-sea correlation of the Pliocene-Pleistocene transition and early glacial - interglacial cycles in the southern North Sea*
09.51 - 10.08	Risebrobakken, Bjørg	*What do we know about the Pliocene and the Nordic Seas?*
10.10 – 10.30	**Coffee Break**	
10.47 - 11.04	Cook, Carys	*Insights into the influence of sea surface temperature and iceberg flux on Pliocene Southern Ocean IRD provenance patterns*
10.30 - 10.47	Bailey, Ian	*An alternative suggestion for the Pliocene onset of major northern hemisphere glaciation based on the geochemical provenance of North Atlantic Ocean ice rafted debris*
11.04 - 11.21	White, James	*The amplification of Arctic terrestrial surface temperatures by reduced sea-ice extent during the Pliocene*
11.21 - 11.38	Howell, Fergus	*Tackling sea ice parameter uncertainties in GCM simulations of the mid-Pliocene*
11.38 - 11.55	McClymont, Erin	*Southern hemisphere perspectives on Pliocene sea surface and intermediate water temperature*
12.00 – 13.30	**Lunch and Poster Session**	
13.30 – 16.30	***Session 2: Tropical and mid-latitude Pliocene climate (convener C. Ravelo)***	
13.30 - 13.47	Tziperman, Eli	*The Pliocene Permanent El Nino and Atmospheric Superrotation*
13.47 - 14.04	Fedorov, Alexey	*Persistent ENSO during the Pliocene?*
14.04 - 14.21	Burls, Natalie	*Simulating Pliocene warmth and a permanent El Niño-like state: the role of cloud albedo*
14.21 - 14.38	Zhang, Yi Ge	*Late Miocene – Pliocene Tropical Pacific Temperatures, Equatorial Upwelling, and the Ancient El Niño*
14.38 - 14.55	Dekens, Petra	*The response of the tropical Indo-Pacific warm-pool to conditions of global warmth*
14.55 – 15.15	**Coffee Break**	
15.15 - 15.32	Ford, Heather	*Long-term stability and sensitivity of the Western Equatorial Pacific warm pool to radiative forcing*
15.32 - 15.49	Etourneau, Johan	*Large changes in upwelling intensity, biological production and nutrient utilization in the Eastern Equatorial Pacific over the last 3.2 Ma*
15.49 - 16.06	Hopley, Phil	*Speleothems as high-resolution archives of Pliocene climate*
16.15 – 17.00	***Keynote Lecture Dr. B. Otto-Bliesner (NCAR)***	
	Why Modelling the Pliocene is Important for IPCC Climate Change 2019	
18.30 – 19.30	***Public Lecture Prof. G.H. Haug (ETH Zürich)***	
	Climate and Societies (Wills Memorial Building, University of Bristol)	

Tuesday 10.09.13 (The Clifton Pavilion, Bristol Zoo Gardens)		
08.30 – 11.30	***Session 3: Global synthesis: observations and models (convener: A. Haywood)***	
08.30 - 08.47	Martínez-Botí, Miguel	*δ11B-based atmospheric CO2 records during the Pliocene at orbital resolution*
08.47 - 09.04	Pancost, Rich	*Pliocene pCO2: Direct proxy comparison of alkenone and d11B-based approaches*
09.04 - 09.21	Bragg, Fran	*Mid-Pliocene climate modelled using the UK Hadley Centre Model: Pliomip experiments 1 and 2*
09.21 - 09.38	Pope, James	*Is it possible to reconcile models and data? An intra-model assessment of Pliocene climate.*
09.38 - 09.55	Tindall, Julia	*Modelling oxygen isotopes in seawater for the mid-Pliocene using the Hadley Centre GCM: a model-data comparison study*
09.55 – 10.15	**Coffee Break**	
10.15 - 10.32	Lawrence, Kira	*Patterns of Early Pliocene Warmth: Synthesizing Ocean Surface Temperature Records*
10.32 - 10.49	Brierley, Chris	*Patterns of Early Pliocene Warmth: Testing Potential Mechanisms*
10.49 - 11.07	Pound, Matthew	*Late Pliocene lakes and soils: A global data set for the analysis of climate feedbacks in a warmer world*
11.07 - 11.24	Zhang, Zhongshi	*Increased ventilation of Antarctic deep water during the warm mid-Pliocene*
11.30 – 13.30	**Lunch and Poster Session**	
13.30 – 16.30	***Session 4: Pliocene ice and climate-tectonic connections (convener E. Tziperman)***	
13.30 - 13.47	Venti, Nicholas	*North Pacific origins of Northern Hemisphere glaciations*
13.47 - 14.04	Herbert, Tim	*A 100-kyr world in the Southern Hemisphere before Northern Hemisphere Glaciation?*
14.04 - 14.21	Prescott, Caroline	*Climate response to changes in orbital forcing around the first Pliocene time slice*
14.21 - 14.38	Hill, Daniel	*Impact of palaeogeographic changes on simulations of the Pliocene North Atlantic*
14.38 - 14.55	Karas, Cyrus	*Synchronous cooling of mid-latitude oceans during the early Pliocene and its implications for the Panama hypothesis*
14.55 – 15.15	**Coffee Break**	
15.15 - 15.32	Dolan, Aisling	*First Global Climate Model Simulations of a Pliocene Glacial Event (Marine Isotope Stage M2: c. 3.3 Ma)*
15.32 - 15.49	Contoux, Camille	*How to initiate and maintain a Greenland ice sheet during the late Pliocene warm period?*
15.49 - 16.06	Ramstein, Gilles	*MID-PLIOCENE climate an anologue for near future climate?*
16.06 - 16.23	Haywood, Alan	*Modelling Pliocene warmth: how far have we come and what can we do next?*
16.30 – 17.15	***Discussion***	
17.15 – 17.20	Rosell-Mele, Toni	*Multiproxy approach to the reconstruction of climate in time slices of the Pliocene: proposal for a community initiative / Announcement of the **3rd Workshop on Pliocene Climate, Barcelona 2014***
17.20 – 17.30	***Closing***	