

SATELLITE MEETING ON

**Reconstructing and understanding CO2 variability in the past**

Organised by Dr Dan Lunt, Professor Harry Elderfield, Dr Gavin Foster, Professor Richard Pancost and Professor Maureen Raymo

**Wednesday 12 – Thursday 13 October 2011**

**The Kavli Royal Society International Centre, Chicheley Hall, Buckinghamshire**

DAY 1				DAY 2			
<b>09.00</b>	<b>Welcome by Professor Sir Peter Knight FRS</b> , Principal, Kavli Royal Society International Centre <b>Welcome by Dr Dan Lunt</b> , Organiser						
<b>09.10</b>	Professor Paul Pearson	<b>13.20</b>	Dr Dan Breecker	<b>09.00</b>	Presentations from individual proxy groups	<b>13.30</b>	Discussions on possible CO2 proxy-intercomparison project. (e.g. focus on one time period? which time period? calibration phase (lab/culture -based, core-top), verification phase (Quaternary), application phase (Cenozoic))
<b>09.20</b>	Dr Gavin Foster	<b>13.30</b>	Dr Dana				
<b>09.30</b>	Professor Martin Palmer	<b>13.40</b>	Professor Dave Beerling				
<b>09.40</b>	Dr Bärbel Hönlisch	<b>13.50</b>	Dr Wolfram Kurschener				
<b>09.50</b>	Dr Phil Sexton	<b>14.00</b>	<b>Questions</b>				
<b>10.00</b>	Dr Aradhna Tripathi	<b>14.10</b>	Dr Roderik van de Wal				
<b>10.10</b>	Dr Mike Ellis,	<b>14.20</b>	Dr Dan Lunt				
<b>10.20</b>	Professor Jim Zachos	<b>14.30</b>	Professor Rob DeConto				
		<b>14.40</b>	Dr Matt Huber				
		<b>14.50</b>	Dr Andy Ridgwell				
<b>10.30</b>	<b>Questions</b>	<b>15.00</b>	<b>Questions</b>				
<b>10.40</b>	<b>Coffee</b>	<b>15.10</b>	<b>Tea</b>	<b>10.30</b>	<b>Coffee</b>	<b>15.00</b>	<b>Tea</b>
<b>11.10</b>	Professor Maureen Raymo	<b>15.30</b>	Breakout groups - proxy discussions of (1) uncertainties (what are they, can they be quantified, back-of-envelope calculations), (2) way forward. Then, re-assess own proxy data. ready for next morning with 're-assessed' data and presentation.	<b>11.00</b>	Discussions on way forward for producing a Review paper of re-assessed data, in time for IPCC	<b>15.30</b>	Expert elicitation
<b>11.20</b>	Dr Erin McClymont						
<b>11.30</b>	Dr Helen Coxall						
<b>11.40</b>	Dr Appy Sluijs						
<b>11.50</b>	Professor Mark						
<b>12.00</b>	Professor Rich Pancost						
<b>12.10</b>	<b>Questions</b>	<b>17.00</b>	<b>Close</b>				
<b>12.20</b>	<b>LUNCH</b>	<b>18.30</b>	<b>RS DINNER</b>	<b>12.30</b>	<b>LUNCH</b>	<b>16.00</b>	Wrap-up and close