



13<sup>TH</sup> INTERNATIONAL CONFERENCE ON PALEOCEANOGRAPHY  
 UNDER THE SOUTHERN CROSS  
 2-6 SEPTEMBER 2019 SYDNEY AUSTRALIA

Program

Time	Sunday 1 September	Monday 2 September	Tuesday 3 September	Wednesday 4 September	Thursday 5 September	Friday 6 September	Saturday 7 September		
0730 - 0830		<b>Registration: Sir John Clancy Auditorium</b> Welcome to Country Dean of Science Prof. Emma Johnston Welcome from the Chairs	<b>Registration: Sir John Clancy Auditorium</b>	<b>Registration: Sir John Clancy Auditorium</b>	<b>Registration: Sir John Clancy Auditorium</b>	<b>Registration: Sir John Clancy Auditorium</b>			
0830 - 0900		Chair: Helen Bostock	<b>C1) Katsumi Matsumoto</b> <i>Flexible stoichiometry of organic matter export on glacial carbon cycle</i>	Chair: Dirk Hebbel	<b>B2) Moriaki Yasuhara</b> <i>Deep-sea drilling perspective on paleobiology: "co-evolution" of paleoceanography, paleoecology and macroevolution</i>	Chair: Fiona Hibbert	Kim Cobb <i>Advances in paleo-ENSO: a past to future perspective</i>		
0900 - 0930	<b>B1) Jürgen Titschack</b> <i>Cold-water coral mounds – carbonate factories and palaeoarchives in intermediate water depths</i>		<b>A2) Anna Nele Meckler</b> <i>Clumped isotope thermometry in Cenozoic paleoceanography</i>		Poster session 3 <b>Morning Tea 1015 - 1045</b> <i>Mathews Pavillion</i>			Wombeyan Caves Fieldtrip 9700 - 1900	
0935 - 1005	<b>E1) Karen Kohfeld</b> <i>The role of the Southern Ocean in controlling ocean carbon uptake as the Earth entered the Last Ice Age</i>		<b>D3) Kaustubh Thirumalai</b> <i>An Indian Ocean El Niño?</i>						Chair: Giuseppe Cortese
1010 - 1040									
1045 - 1115		<b>Morning Tea</b> AGU100	<b>Morning Tea</b>	<b>Morning Tea</b>		<b>Morning Tea</b>			
1115 - 1145	<a href="#">Surf lesson at Bondi Beach</a>	Chair: Taryn Noble	<b>F1) Natalya Gomez</b> <i>Ice Sheet – Sea Level – Solid Earth Interactions</i>	Chair: Hai Cheng	<b>F3) Ed Gasson</b> <i>"Antarctic Ice Sheet stability over the past 34 million years and its sensitivity to evolving bedrock topography"</i>	Chair: Leanne Armand	<b>B3) Linda Armbricht</b> <i>Reconstructing past marine life using ancient DNA</i>		
1150 - 1220			<b>F2) Timothy Naish</b> <i>Mid-Late Pliocene global sea-level and polar ice sheet variability</i>		<b>D2) Summer Praetorius</b> <i>The role of North Pacific Ocean variability in abrupt deglacial climate events</i>		<b>C2) Lucas Lourens</b> <i>Hyperthermal events are tipping points for reorganization of global ocean circulation</i>	Lunch 1130 - 1230	
1225 - 1300		<b>Lunch</b>	<b>Lunch</b>	<b>Bid for ICP14/TOS</b>	<b>Michael White</b> <i>Demystifying Nature Nature Publishing Group (12.00-12.45)</i>	Chair: Stewart Fallon	<b>Book launch 'A Memory of Ice - the Antarctic Voyage of the Glomar Challenger' by Elizabeth Truswell</b>		
1300 - 1330	<a href="#">Whale watching</a>				<b>Jerry McManus</b> <i>Wally Broecker and Seven Decades of Paleooceanography</i>				
1335 - 1405		Chair: Laurie Menviel	<b>Poster session 1</b> <b>Afternoon Tea 1445 - 1515</b> <i>Mathews Pavillion</i>	<b>Poster session 2</b> <b>Afternoon Tea 1445 - 1515</b> <i>Mathews Pavillion</i>	<b>Opera House Tour</b> 1445 - 1545	Chair: Jiman Yu	<b>D1) Francesco Pausata</b> <i>The Green Sahara and its climatic consequence: from past to future</i>		
1410 - 1440							<b>A3) Yama Dixit</b> <i>Holocene history of the Indian summer monsoon – perspectives from northwestern India</i>	Chair: Guillaume Leduc	<b>C4) Gert Jan Reichert</b> <i>Calcification feedbacks on the global carbon cycle</i>
1445 - 1515									<b>GEOTRACES</b> <i>Selected research highlights and data resources</i>
1515 - 1545					<b>Afternoon Tea</b>		<b>Poster awards/Closing</b>		
1550 - 1615						Chair: Richard Ziebe	<b>C3) Matt Huber</b> <i>Paleoceanography reveals that Earth has no tropical thermostats but massive polar amplification of warming and sensitivity to forcing is difficult to explain</i>		
1630 - 1730		<b>Ed Brook</b> <i>Multiple time scales of atmospheric CO2 variability in the late Quaternary</i>	<b>Andy Ridgwell</b> <i>~(isempty intersect 'biology',model )</i>	<b>Dinner Cruise on Sydney Harbour</b> Leaving Man O'War Steps, next to Sydney Opera House at 1630 Back at Man O'War Steps at 2030				<b>ANZIC &amp; IODP</b> Leanne Armand & Stephen Gallagher <i>Paleoceanography on the west coast: IODP cores over 50 million years of ocean and climate history off western Australia</i>	
1730 - late	<a href="#">The Rocks Pub Tour</a> 1800 - 2130	<b>Ice breaker @ Leighton Hall UNSW</b>					<b>Axel Timmermann</b> <i>Past climate influences on early human dispersal</i>		
							<b>Paleomusicology concert @ Sir John Clancy UNSW</b>		

Sessions	
A	Proxy development, new model and statistical tools
B	Geobiology- new frontiers in paleoceanography linking paleoclimatic changes with biology and evolution
C	Carbon-climate feedbacks across time scales
D	Ocean circulation and climate system dynamics
E	Role of Southern Hemispheric processes
F	Ice-sheet/ocean interactions: drivers and impacts
	Special talks
	Perspective session
	Poster sessions
	Social functions
	Field trips

\* Program is subject to change