



Monday, 29 August

08:45-09:00 **Conference Opening**

Session Chair: Caroline Slomp

09:00-09:30 ["Ups and downs of Quaternary climate"](#)
Stephen Barker, *Cardiff University, UK*

09:35-10:05 ["Decoding Earth's surface history by osmium isotope records of marine sediments"](#)
Junichiro Kuroda, *JAMTEC, Japan*

10:10-10:40 ["Coupled phytoplankton and climate evolution during the late Miocene"](#)
Clara Bolton, *CEREGE, France*

10:45-11:15 *Coffee break foyer Beatrix theater*

Session Chair: Lucas Lourens

11:15-11:45 ["The role of mantle convection in understanding sea level and cryospheric changes during past warm periods"](#)
Jacky Austermann, *Harvard, USA*

11:50-12:20 ["The transient and asynchronous response of ice volume to orbital-driven climate changes of the Late Pliocene"](#)
Bas de Boer, *Leeds, UK/Netherlands*

12:25-13:30 *Lunch*

13:30-16:30 **Poster Session theme 1 & 3:**

16:00-16:30 *Coffee break at the Exhibition area*

Session Chair: Appy Sluijs

16:30-17:15 **Perspective Lecture**
["Zeppelin DB: A 30-Year Voyage Through People and Publications"](#)
Gerald R Dickens, *Rice University, USA*



Tuesday, 30 August

Session Chair: Gert-Jan Reichert

- 09:00-09:30 ["Paleoclimate constraints on forecasts of future climate change"](#)
Julia Hargreaves, *Blue Skies Research, UK*
- 09:35-10:05 ["Asian Monsoon History over the last 640,000 years, implications for orbital and millennial-scale climate change around the world"](#)
R. Lawrence Edwards, *USA*
- 10:10-10:40 ["Testing the impact of diagenesis on stable isotope and trace element geochemistry in fossil foraminiferal calcite"](#)
Kirsty Edgar, *Bristol, UK*

10:45-11:15 *Coffee break foyer Beatrix theater*

Session Chair: Anna von der Heydt

- 11:15-11:45 ["Reconstructing Past Ocean Circulation and Water Mass Mixing with Radiogenic Neodymium Isotopes: Potential and Pitfalls"](#)
Martin Frank, *Geomar, Germany*
- 11:50-12:20 ["Modeling of water isotopes in oceanic models: review and perspective"](#)
Didier Roche, *VU, Netherlands*

12:20-13:30 *Lunch*

13:30-16:30 **Poster Session theme 2**

16:00-16:30 *Coffee break at the Exhibition area*

Session Chair: Lucas Lourens

- 16:30-17:15 **Perspective Lecture**
["Getting Inside the Heads of Corals: The Path to Accurate PaleoTemperature Reconstruction"](#)
Anne Cohen, *Woods Hole Oceanographic Institution, USA*



Wednesday, 31 August

Session Chair: Peter Bijl

- 09:00-09:30 [“Breaking ice: cryosphere-carbon cycle interactions”](#)
Carrie Lear, Cardiff, UK
- 09:35-10:05 [“Insights into climate mechanisms and process of a warmer world”](#)
Alan Haywood, Leeds, UK
- 10:10-10:40 **TBA**
Timothy Herbert, Brown University, USA

10:45-11:15 *Coffee break foyer Beatrix theater*

Session Chair: Caroline Slomp

- 11:15-11:45 [“Increased poleward flux of atmospheric moisture during the PETM as deduced from paired in situ \$d^{18}O:Mg/Ca\$ measurements in planktic foraminifera”](#)
Reinhard Kozdon, Columbia University, USA
- 11:50-12:20 [“An Earth System model approach to tracing the PETM carbon and temperature anomaly through the oceans and into the sedimentary record”](#)
Sandy Kirtland Turner, UC Riverside, USA
- 12:25-13:30 **Bids and Vote for next ICP**



Thursday, 1 September

Session Chair: Anna von der Heydt

- 09:00-09:30 ["Planktonic foraminifera, evolution, and making sense of Cenozoic paleoceanography"](#)
Pincelli Hull, *Yale University, USA*
- 09:35-10:05 ["Tropical Indian Ocean hydroclimate and its relation to the Hadley and Walker circulations since the last glacial"](#)
Mahyar Mohtadi, *MARUM, Univ. Bremen, Germany*
- 10:10-10:40 ["Glacial-to-Anthropocene interactions between ocean circulation and rainfall recorded at the tropical Atlantic margin"](#)
Stefan Mulitza, *MARUM, Univ. Bremen, Germany*

10:45-11:15 *Coffee break foyer Beatrix theater*

Session Chair: Gert-Jan Reichert

- 11:15-11:45 ["On the ocean's role for high latitude climate change in the Arctic-Atlantic sector"](#)
Camille Li, *University of Bergen, Norway*
- 11:50-12:20 ["Novel multiproxy approaches for simultaneous environmental and seawater chemistry reconstruction"](#)
David Evans, *Yale University, USA*

12:20-13:30 *Lunch*

13:30-16:30 **Poster Session 2:** theme TBD

16:00-16:30 *Coffee break at the Exhibition area*

Session Chair: Appy Sluijs

- 16:30-17:15 **Perspective Lecture**
TBA
Jacques Laskar, *IMCCE Paris, France*



Friday, 2 September

Session Chair: Lucas Lourens

- 09:00-09:30 ["A molecular fossil's perspective on palaeo sea ice and climate dynamics"](#)
Julianne Muller, AWI, Germany
- 09:35-10:05 ["Glacial/interglacial CO2 change: Beyond the ice core record"](#)
Matthis Hain, Southampton, UK
- 10:10-10:40 ["Onset and Progression of the Eocene-Oligocene Climate Transition: an Atlantic Ocean Perspective"](#)
Steve Bohaty, Southampton, UK
- 10:40-11:15 *Coffee break foyer Beatrix theater*
- Session Chair: Peter Bijl*
- 11:15-11:45 ["Records of ice retreat: diatom-based messages from the Antarctic continental margin"](#)
Amy Leventer, Colgate, USA
- 11:50-12:20 ["Being Milankovitch"](#)
Stephen Meyers, UW-Madison, USA
- 12:25-13:00 *Snack*
- 13:00-14:00 **The Great Debate**
Discussion leader: Peter Vermij
- 14:00-14:30 **Poster Awards and Conference Closing**