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 Reichart

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

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
Timonthy 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 d18O: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”
Pinceilli 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 Reichart

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”
Matthias 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