Schedule for the Shackleton Conference:
Marine Geoscience, Past, Present, and Future

The Marine Studies Group
September 18th, 2017
Burlington House, Geological Society of London


9:40 – Introduction to the day and conference (Member of the MSG Committee)

9:45 – Bill Austin, University of St Andrews
  *Climatic and Human Drivers of Holocene Carbon Burial along the North Atlantic Margin*

10:00 – Zvi Steiner, University of Cambridge
  *Testing the utility of geochemical proxies for paleoproduction in oxic sedimentary marine settings of the Gulf of Aqaba, Red Sea*

10:15 – **KEYNOTE:** Carrie Lear, University of Cardiff.
  *Ice Sheet Stability: A Paleoclimate Perspective*

10:45 – David Hodell, University of Cambridge
  *Persistent instability of glacial climate and overturning circulation in the North Atlantic for the past 1.5 million years*

11:00 – **Coffee Break**

11:15 – **KEYNOTE:** Rosalind Rickaby, University of Oxford
  *The evolving role of phytoplankton in the carbon cycle*

11:45 – Nick McCave, University of Cambridge
  *Relation of sortable silt grain-size to deep-sea current speeds: Calibration of the ‘Mud Current Meter’*

12:00 – Jenny Collier, Imperial College London
  *Time-lapse bathymetric surveys of an active submarine volcano and implications for hazard in the southern Caribbean*
12:15 – KEYNOTE: Damon Teagle, University of Southampton
*The formation and evolution of new crust at ocean ridges: Tackling a fundamental Earth science challenge from multiple directions*

12:45 – Lunch and Discussion and Poster Session

13:45 – KEYNOTE: Rosalind Coggon, University of Southampton
*The South Atlantic drilling project, multi-disciplinary collaborations in marine science.*

14:15 – Rob Larter, British Antarctic Survey
*Development of a large sediment drift near the mouth of Marguerite Trough, Antarctic Peninsula as a record of past ice stream dynamics*

14:30 – Daniela Vendettuoli – University of Southampton
*The stratigraphic incompleteness of submarine channels deposits*

14:45 – Bob Gatliff – British Geological Survey
*A BGS forward look at Marine Geoscience in the UK: Priorities in a time of change*

15:15 – Coffee Break

15:30 – Mike Clare – National Oceanography Centre, Southampton
*How can we use emerging technology to directly measure powerful and damaging deep-sea geohazards?*

15:45 – Ed Self – Gardline
*3D Seismic Data Past (Exploration), Present (Exploration and Geohazards) and Future (Exploration, Geohazards and Decommissioning)*

16:00 – KEYNOTE: Russell Wynn - National Oceanography Centre, Southampton
*Marine robotics and their past, present and future applications for marine geoscience*

16:30 – Neil Mitchell – University of Manchester
*The rise of international collaborations in UK marine science from publication co-authorships*

16:45 – Closing discussion and meeting wrap up