

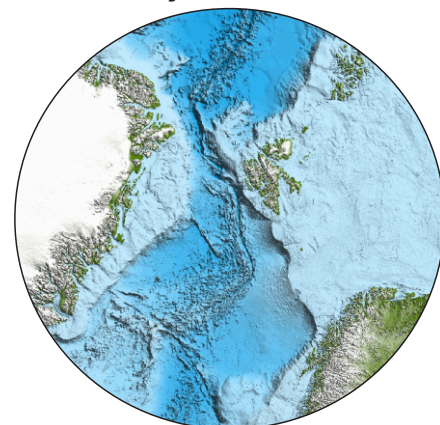
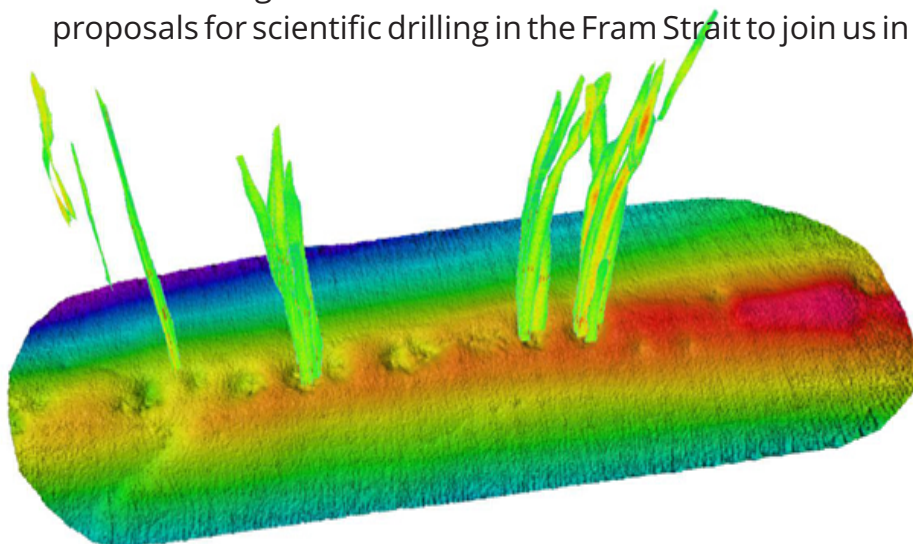
MagellanPlus Workshop

Temporal evolution of Arctic gas hydrate and methane seepage systems

4&5 JUNE 2018

Tromsø, Norway

The workshop aims to bring together a team of scientists from wide-ranging disciplines to develop a comprehensive IODP proposal to quantify the links between large scale geological processes and methane seepage systems in the Fram Strait, the Atlantic-Arctic gateway. The Fram Strait is the only deep-water passage between the Arctic Ocean and the subpolar oceans that has a key role in modulating and recording present and past changes in oceanographic and climate conditions. It offers a unique geological setting with the potential to provide ground-breaking insights into the links between geodynamic processes, hydrothermal circulation, and abiogenic processes. The Fram Strait is particularly suited for studying how ultra-slow spreading ridge tectonism and glaciations affect methane and gas hydrate systems. The potential impact of such interactions on geochemical and biological cycles is of special interest. The working hypothesis is that methane seepage in the Arctic has been intensified with the onset of glaciations. Furthermore, we postulate that abiogenic methane has been a significant component of the fluid budget in Arctic sediments. We invite all scientists interested in developing proposals for scientific drilling in the Fram Strait to join us in Tromsø, Norway.



The workshop will be held at CAGE-Centre for Arctic Gas Hydrate, Environment, and Climate, Department of Geosciences, UiT-The Arctic University of Norway. For more information contact Andreia Plaza-Faverola (andreia.a.faverola@uit.no).

To register, please send a mail to knut.o.dolven@uit.no by the **25th of April 2018** along with an expression of interest and a short CV. Early-career scientists are particularly encouraged to register.