The 13th International Conference on Gas in Marine Sediments (GIMS 13) will take place in Tromsø, “The Gateway to the Arctic”, Norway.

The Tromsø conference is hosted by CAGE – Centre for Arctic Gas Hydrate, Environment and Climate, at UiT The Arctic University of Norway, follows 12 successful GIMS conferences from Edinburgh in 1990 to Taipei in 2014.

The interdisciplinary conference – held every second year – will focus on the world’s active and passive margins including the Arctic and Antarctic. There will be technical programme themes devoted to the detection and chemistry of fluids.

GIMS 13 intends to bring together geologists, biologists, microbiologist, geophysicists, oceanographers, geochemists and scientists from modeling disciplines, promoting the study of natural gas and release systems on a global scale, to facilitate interdisciplinary and international cooperation. The forum will provide a platform for current knowledge and future programs in gas inventories, fluxes and the role within the carbon cycle and biodiversity.

We cordially invite you to contribute an abstract to the Conference. The submission deadline is 30th April 2016.

The scientific program will cover a variety of key topics, including both oral and poster presentations enhancing our knowledge related, such as:

» Formation of methane and shallow gas in sediments
» Subsurface fluid flow, geochemical and thermal gradients
» Presence of gas hydrate, its formation and destabilization
» Imaging sub-seafloor gas structures by seismic studies
» Diversity and functioning of gas seeps, pockmarks and mud volcanos
» Regional studies on gas and gas hydrate distribution and quantification
» Seafloor gas emissions to the water column and the atmosphere
» Biological, microbiological and biogeochemical processes at seep ecosystems
» Methane derived authigenic carbonates
» Technologies for detection and quantification of gas seepage at the seafloor and in the water column.
» Simulation of fluid flow through marine sediments and through the seabed, including diffusive and advective fluid flow systems, and focused fluid flow structures.

Given the location of the conference, we will certainly welcome contributions dealing with gas migration, accumulation and emission systems in the Arctic.

Acceptance and selection of the abstract for oral or poster presentations will be announced to the corresponding author by June, 2016.

Further details regarding the program being designed for the 13th International Conference on Gas in Marine Sediments and other details, will be available from January 2016 on the GIMS 13 website: gims13.uit.no.