National Oceanography Centre

Looking for a PhD tackling big questions in climate, physics or biogeochemistry?

8 PhD projects linked to the world-leading Marine Systems Modelling group at the National Oceanography Centre:

- Predicting future methane release from the seabed due to Arctic warming and sea ice retreat
- Changing Ocean Freshwater and Heat Transports and Atlantic Climate Tipping Point
- Some theories are more equal than others: A Bayesian approach to glacial-interglacial changes in ocean carbon storage
- Closing loopholes in the nitrogen cycle: Nitrification now and in the future
- The Ultimate Limiting Nutrient for Oceanic Primary Production
- How do submesoscale physical processes influence the biological carbon pump?
- The physics and biology of the ocean carbon sink: how air-sea interactions affect organic carbon uptake and sequestration in the Southern Ocean
- Impact of a newly identified mechanism: pathways for Arctic freshwater in the subpolar North Atlantic Ocean

All projects are funded by the INSPIRE Doctoral Training Partnership. Applications very welcome from maths and pure science graduates.

There is an opportunity for a good numerate graduate student to apply for a PhD through the SENSE CDT, for a studentship beginning in October 2020.

Please see the projects available on the SENSE CDT page https://eo-cdt.org/projects/ in particular the one entitled: 'Causes and solutions for the Great Atlantic Sargassum Belt'

https://eo-cdt.org/projects/causes-and-solutions-for-the-great-atlantic-sargassum-belt/

The deadline for applications is 19 January 2020, interviews will be held at the University of Leeds at the end of February.