

**Dr Frances Cooper
School of Earth Sciences
University of Bristol**

"Geology on the roof of the world: From the highest Himalayan peaks to the deepest holes in the Andes"

Dr Cooper studied A-levels in Maths, Physics, and Geography followed by an MSci at University College London, and a PhD at the University of Southern California, Los Angeles. Her research uses a multidisciplinary approach to investigate the links between volcanism, tectonics, and mineralisation to better understand the formation of porphyry copper deposits. Her work involves a novel integration of volcanology, structural geology, geomorphology, experimental petrology, and geochronology. As part of the project, she collaborates with the University of Chile, the Geological Survey of Chile, the British Geological Survey, the University of Southern California, and Nagoya University in Japan.



Tuesday 10th February 2014

**4-5pm in the Chapel at Bishop Wordsworth's
School**