



2026 Activities		
July 24 th	<i>The Cambrian Explosion: the story of the rapid biological development at the start of the Cambrian, a talk by Rick</i>	<i>An in-person meeting at 10:00</i>
August 28 th	Snowball Earth, a global glaciation and A bit more on Granites, two talks by Niall	<i>An in-person meeting at 10:00</i>
September 10 th	<i>Field trip to Deepcar and Wharnccliffe, led by Rick</i>	<i>Field Trip, meet at 10:30</i>
September 25 th	<i>Basalts and Global Tectonics – a talk (or is it two talks) by Niall</i>	<i>An in-person meeting at 10:00</i>
October tbc	<i>A dedicated practical session including members bringing their own specimens</i>	<i>Meeting time tbc</i>
October 23 rd	<i>Trilobites: the evolution of the first arthropods (and eyes) and Geocycles and gaps in the rock record, both by Rick</i>	<i>An in-person meeting at 10:00</i>
November 2 nd	JOINT MEETING WITH THE COSMOLOGY – VOLCANOES OF THE UNIVERSE	19:00 at Monk Bretton
November 27 th	<i>Introduction to Metamorphic Geology, slates and marbles of the Dalradian, a talk by Niall</i>	<i>An in-person meeting at 10:00</i>
December 11 th	Christmas quiz followed by a hands on meeting of specimens and artifacts. The quiz will be in pub quiz format in teams of two and include questions on what we've looked at over the year.	<i>An in-person meeting at 10:00</i>
2027 Activities		
January 22 nd	<i>The Ediacaran fauna: the story of Precambrian life 'down under', a talk by Rick</i>	<i>An in-person meeting at 10:00</i>
February 26 th	<i>Oil and gas in the UK, geological history and economic future, a talk by Niall</i>	<i>An in-person meeting at 10:00</i>
March 19 th	<i>The geology in my iPhone, e-car and solar panel, the origin of the key minerals, a talk by Niall</i>	<i>An in-person meeting at 10:00</i>

Future topics

- Rocks in thin section
- Forensic Geology
- Folds and folding practical and squeeze box (repeat)
- Footprints: an explanation of tracks and trails in rocks
- Structures and 'way-up' in sedimentary rocks

- How minerals form rocks – evolution of magmas
- What is an ore and how are they formed
- Quartz
- Non-silicate minerals
- Deep dive into some important silicates
- Mineral identification 2
- Igneous and metamorphic rock identification

Human impact on geology – The Anthropocene, is it real. A talk by Niall with a practical element
Introducing Granites, the Granites of Co Galway, a talk by Niall

Human impact on geology – The Anthropocene, is it real. A talk by Niall with a practical element