

## 2021 Michaelmas Term Seminars Department of Geology

17 Sep 2021	Mike Simms Senior Curator of Natural Sciences National Museums Northern Ireland	As old as the hills: The chronology of caves and their landscapes	
24 Sep 2021	John Hanchar Professor and University Research Professor Memorial University, Newfoundland and Labrador's University, St. John's (Canada)	Redox control on the Ti-in-magnetite content: Constraints for the origin of magnetite apatite (MtAp) deposits	
1 Oct 2021	Gary O'Sullivan Postdoc Research Fellow School of Earth Sciences, UCD	U-Pb dating of biogenic phosphate as a chrono-stratigraphic tool	
8 Oct 2021	Benjamin Emmel Research Scientist SINTEF Industry – Applied Geoscience, Trondheim (Norway)	Storage and well integrity – the applied geoscience perspective	
15 Oct 2021	Fiona Cawkwell Lecturer Geography, University College Cork	The view from above: Supporting Irish land cover policies using remote sensing	
22 Oct 2021	Nele Meckler Professor Bjerknes Centre for Climate Research & Dept. of Earth Science/Univ. of Bergen (Norway)	Reconstructing ocean temperatures through the Cenozoic with clumped isotope thermometry	
29 Oct 2021	29 Oct 2021 Reading week - no seminar		
5 Nov 2021	<b>Zoe Roseby</b> Postdoctoral Researcher Department of Geology, TCD	Using saltmarshes as geological tide gauges to reconstruct Irish sea level change	
12 Nov 2021	Katie Tedd Senior Geologist Geological Survey Ireland	Groundwater resources and protection in Ireland	
19 Nov 2021	Elliot Carter Postdoctoral Researcher Department of Geology, TCD	Halogens as tracers of hydration and carbonation in ophiolites	
26 Nov 2021	Liane Benning Head of Section 3.5 "Interface Geochemistry" at GFZ Potsdam & Professor in Interface Geochemistry at Freie Universität Berlin	The big melting: small cells big consequences	
3 Dec 2021	Matthias Haeckel Research Scientist GEOMAR Helmholtz Institute of Ocean Research, Kiel (Germany)	Environmental impacts and risks of deep-sea mining	

The seminars are held as Zoom meetings on Fridays between 1-2 pm. The respective Zoom link will be circulated by email on Wednesdays.