

## 2022 Michaelmas Term Seminars Department of Geology

16 <sup>th</sup> Sep 2022 - <i>ONLINE</i> -	<b>David Lentz</b> Adjunct Associate Professor Trinity College Dublin / University of New Brunswick	Analysis of Extremely Fractionated Felsic Systems associated with Granophile Deposits: Examination of Dynamic Thermal Constraints
23 <sup>rd</sup> Sep 2022	Jacqueline Campbell Schmidt Science Fellow University of Oxford	How Looking for Life on Mars can Help Save Lives on Earth (Geochemistry Group Early Career Prominent Lecture Series 2022)
30 <sup>th</sup> Sep 2022	John Joly Memorial Lecture — 1-3pm  Clive Oppenheimer  Professor of Volcanology  University of Cambridge	
7 <sup>th</sup> Oct 2022	Mark Cooper Chief Geologist Geological Survey of Northern Ireland	Potential Impacts of Faults and Dykes on fluid flow in Northern Ireland Permo-Triassic Reservoirs and Aquifers
14 <sup>th</sup> Oct 2022	<b>Dr Emma Tomlinson</b> Associate Professor Trinity College Dublin	How did the first continents form? A lithospheric perspective (or things we don't know)
21st Oct 2022	Maurice Brodbeck Research Fellow Trinity College Dublin	Complex Metal(loid) Deportment in Porphyry Ore Sulphides - Insights from LA-ICP-MS Mapping
28 <sup>th</sup> Oct 2022	No Seminar – Reading Week	
4th <sup>th</sup> Nov 2022	TCD STEM Visiting Professor Lecture – 1pm  Daniel Rothman "Thresholds of Catastrophe in Earth's History"  Professor of Geophysics  MIT	
11 <sup>th</sup> Nov 2022	Jean O'Dwyer  Deputy Director of iCRAG  University College Cork	Linking Hydrogeology and Human Health
18 <sup>th</sup> Nov 2022 - <i>ONLINE</i> -	James Smith  Marine Geologist/Sedimentologist  British Antarctic Survey	Thwaites Glacier before we were watching – what can the geological record tell us about one of Antarctica's most vulnerable glaciers

Seminars will be held on Fridays 1-2 pm in Room M4 (Museum Building, Trinity College Dublin) unless specified as online (e.g. if the speaker cannot make it to Dublin in person). In the latter case, the Zoom link will be circulated on the Wednesday before the seminar.

For queries, speaker suggestions or any other feedback, contact Elliot Carter (elcarter@tcd.ie)



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25<sup>th</sup> Nov 2022 **Andew Kemp** Sea-level change during the

Associate Professor Common Era **Tufts University** 

2<sup>nd</sup> Dec 2022 **Anna Bidgood** Continental Subduction: Clues from

Postdoctoral Researcher felsic rocks and the coesite to University College Dublin

quartz transition