



15 <sup>th</sup> Sep 2023	<b>Erdem Idiz</b> <i>Visiting Professor</i> University of Oxford	<i>Modeling of subsurface hydrocarbons and other fluid systems, the basin modeler's bane</i>
22 <sup>nd</sup> Sep 2023	<b>Zoja Vukmanovic</b> <i>Lecturer in Geology/Georesources</i> University of East Anglia	<i>Tectono-magmatic evolution of the Kunene Anorthosite Complex, Angola: insights from quantitative microstructural analysis</i>
29 <sup>th</sup> Sep 2023	<b>Chris Mays</b> <i>Lecturer in Palaeontology</i> University College Cork	<i>A south polar refuge for land ecosystems during the worst mass extinction in Earth's history</i>
6 <sup>th</sup> Oct 2023	<b>Marian Holness</b> <i>Professor and Fellow of the Royal Society</i> University of Cambridge	<i>The microstructural record of inflation and convection in sills and dykes</i>
13 <sup>th</sup> Oct 2023	<b>Michael Ort</b> <i>Adjunct Professor</i> Trinity College Dublin	<i>New Perspectives on the Biggest Late Pleistocene Pyroclastic Density Current in Europe: The Campanian Ignimbrite</i>
20 <sup>th</sup> Oct 2023	<b>Mike Simms</b> <i>Senior Curator of Natural Sciences</i> Ulster Museum	<i>Caves, Dinosaurs and the Carnian Pluvial Episode</i>
27 <sup>th</sup> Oct 2023	<i>No Seminar – Reading Week</i>	
3 <sup>rd</sup> Nov 2023 (Friday!)	<b>John Joly Memorial Lecture</b> <b>Vivi Vajda</b> <i>Professor of Palaeobiology</i> Swedish Museum of Natural History	
6 <sup>th</sup> Nov 2023 <b>(Monday</b> <b>1-2 pm, HLT,</b> <b>Museum</b> <b>Building)</b>	<b>Chris Hawkesworth</b> <i>Emeritus Professor in Earth Sciences</i> University of Bristol	<i>When might Plate Tectonics have started?</i>
10 <sup>th</sup> Nov 2023	<b>Stéphan Bodin</b> <i>Associate Professor</i> Aarhus University	<i>A warm and equable Mesozoic climate? New far-field evidence for the transient development of ice sheets during the Jurassic</i>
17 <sup>th</sup> Nov 2023	<b>Swetha Venugopal</b> <i>Teaching Fellow</i> Trinity College Dublin	<i>Understanding explosive basaltic volcanism using the Black Tephra eruption at Piton de la Fournaise</i>



24<sup>th</sup> Nov 2023

**Thomas Gernon**  
*Associate Professor*  
University of Southampton

*Rift-induced disruption of cratonic  
keels drives kimberlite volcanism*

1<sup>st</sup> Dec 2023

**Gary O'Sullivan**  
*Postdoctoral Research Fellow*  
Trinity College Dublin

*Developing a Pyrope-Garnet Single-  
Crystal Barometer Using Machine  
Learning to Sense the Depth of  
Diamond Formation*