

UCD School of Earth Sciences Seminar Series

Spring Semester 2024



Wednesdays, 1pm, E0.61 Science Centre
Talks will also be broadcast via Zoom: click [here](#) to access
Contact ucdsesseminars@ucd.ie for more information

24th January: **Katrien van Landeghem** – Bangor University
“ECOWind-ACCELERATE: Ecological implications of accelerated seabed mobility around windfarms”

31st January: **Bethan Davies** – Newcastle University
“Accelerated glacier volume loss on Juneau Icefield driven by hypsometry and melt-accelerating feedbacks”

7th February: **Marlène Villeneuve** – Montanuniversität Leoben
“Better Together: Linking Geology, Rock Physics and Rock Mechanics”

14th February: **Seán Jordan** – Dublin City University
“From protocells to protosigns: Investigating the origin of life on Earth and potential existence of life elsewhere in our Solar System”

21st February: **Thomas Belgrano** – University College Dublin
“Levering remote data to modernise geological maps of Earth’s largest ophiolite”

28th February: **UCD PhD Student Talks**
Clara Crowell – *“TOPDOWN: Examining the vertical expression of the last glaciation of Ireland”*

Kendra Ní Nualláin – *“Volcanic dome collapse: exploring post-emplacement stability as a function of hydrothermal alteration”*

Nikita Turton – *“Global weathering rates and sediment fluxes during early Cenozoic hothouse climates”*

6th March: **Chris Greenwell** – Durham University (MinSoc Distinguished Lecturer Series)
“Swelling, wettability alteration and applications of clay and other layered minerals”

27th March: **George Reynolds** – Metrics Consulting
“Minerals are Semiconductors”

3rd April: **UCD PhD Student Talks**
Thomas Austin – *“Benchmarking a Distinct Element Method model of volcanic deformation”*

Mahdi Khoshlahjeh Azar – *“Monitoring Irish Peatland Restoration with Satellite-based Synthetic Aperture Radar”*

La Donna Fredericks – *“Geometry and nature of inversion structures in the Irish Orefield and their impact on mineral deposits and associated mineralization”*

10th April: **Ana Jesus** – University of Lisbon
“Metal and sulfur sources of VMS deposits from the Samail Ophiolite, Oman”

17th April: **UCD PhD Student Talks**
Rioko Moscardini – *“Temporal and spatial variation in depositional environment and its effect on reservoir quality in the Sherwood Sandstone Group, Northern Ireland”*

Vincent Adongo – *“A three-dimensional segmented fault zone model”*

Nanyu Wei – *“Petrophysical characterization of the Zn -Pb mineralisation of the Lisheen deposit in Ireland”*

24th April: **Joe Licciardi** – University of New Hampshire
“Timing and patterns of glacier thinning and recession along the northern sector of the Iceland Ice Sheet during the last deglaciation”