



UCD School of Earth Sciences Seminar Series



Spring Semester 2023

Wednesdays, 1pm, G01 Science Centre West

Talks will also be broadcast via Zoom: click [here](#) to access

Contact ucdsesseminars@ucd.ie for more information

JANUARY

25th January: **Conor Moynihan** – Teck Resources Ltd.

“Deep Zn Exploration in the Irish Midlands”

FEBRUARY

1st February: **SEG Pop-up**

8th February: **Bruce Misstear** - Trinity College Dublin

“Groundwater: making the invisible visible (a personal view)”

15th February: **UCD PhD Student talks**

Prithwiji Chakraborti

“Mapping the 3D distribution of volcanic rocks in the Limerick Basin (Ireland) subsurface using petrophysics as a guide for regional geophysical data analysis and inverse geophysical modelling”

Maurice Weber

“Origin of high-frequency tremor on Mount Etna - investigating sources and mechanisms of tremor in high frequency ranges rarely looked at through large deployments of dense arrays of seismic stations in summit region”

Regina Maass

“Time lapse and virtual source seismic imagery at Krafla”

22nd February: **Jason Briner** - University at Buffalo

“Project GreenDrill: Site selection for cosmogenic nuclide exposure dating of the Greenland Ice Sheet bed”

MARCH

1st March: **Martin Schöpfer** - University of Vienna

“On the spacing of fold-related fractures”

8th March: **Raul Fonseca** - Ruhr University Bochum

“Experimental and Natural constraints on Ti isotope fractionation in the Earth and Moon”

29th March: **Eleonora Rivalta** - GFZ Helmholtz Centre, Potsdam

“Forecasting the pathway of dikes and eruptive fissure location by inversion of volcanic edifice stresses”

APRIL

5th April: **Nicole Richter** - RWTH Aachen University

“A tale of penguins and volcanoes”

12th April: **Phil Renforth** - Heriot-Watt University

“Geochemical carbon dioxide removal – a new frontier in climate change mitigation”

19th April: **Jeremy Ely** - University of Sheffield

“Can two wrongs make a right? Model-data comparison of the last British-Irish Ice Sheet.”

26th April: **Stephen Hesselbo** - Camborne School of Mines, University of Exeter

“Towards an understanding of Early Jurassic Earth system and timescale: recent results from new and legacy cores.”