

Geology Postgrad Day: Monday 9th November 2015, 9.30 a.m., Museum 4

PROGRAMME

New postgrads, started September 2015

- 9.30 Eoghan Corbett
Refinement of high spatial resolution U-Pb geochronological methodologies
- 9.35 Donal O'Farrell
Halogens in the proto-Iceland plume source mantle
- 9.40 Almahdi Al Shawib
The petroleum geology of the Porcupine Basin, Atlantic Ireland: implications from onshore analogues
- 9.45 Raffaele Bonadio
Integrated surface-wave imaging of Ireland's lithosphere
- 9.50 Nicolas Celli
Seismic waveform tomography of the North Atlantic lithosphere and underlying mantle
- 9.55 Foteini Drakou
Precious and energy critical metals - from Zn and Cu mines to mill
- 10.00 Brendan Hoare
Halogens in the West Greenland sub-continental lithospheric mantle
- 10.05 Damien Mooney
Emerging organic contaminants in rural environments: investigations in karst and fractured aquifers
- 10.10 Oakley Turner
Delineating Hydrothermal Zn-Pb Signatures along Fault Structures of the Rathdowney Trend, South West Ireland

First year postgrads, started March 2015

- 10.15 Henry Glass
Examining the Potential for total sulphur analysis by XRF and ICP-OES
- 10.25 Danijela Mavric
Fingerprinting isotopic signatures for metal enrichment in European trees: developing vectors for mineral exploration
- 10.35 Carolina Rosca
Isotope fingerprint of metal deposition onto the Earth atmosphere and surface

10.45 Nils Suhr
Isotope fingerprint of metal deficiency in soils

10.55 Maria Isabel Freitas da Silva Vucinic
Evaporite diapirism in the Jurassic to Paleogene Mandawa basin of southern coastal Tanzania

11.05 Coffee

Second year postgrads (M.Sc by research)

11.30 Simon Huleatt-James
Novel Geochemical Methods for Mineral Exploration in Irish Peatlands

Second year and third postgrads: PhD confirmation and transfer candidates

11.45 Stephen Coakley
Deciphering lateral stable isotopic variability across a Cambrian carbonate platform

12.10 Paul Guyett
Magma evolution reconstructed from the volcanic fill of the Sudbury Basin

12.35 Ann-Kristin Kalveram
Characterising dispersed metal plumes in surficial soils and sediments in the Irish Midlands: Using isotope fingerprints to develop vectors in mineral exploration

-----13.00 – 14.00 Break for lunch-----

14.00 Ross McCabe
Inorganic Geochemistry of the South Eastern Tanzanian Coastal Basins

14.25 Finbarr McTeirnan
Petroleum geology of the Lake Edward basin, Albertine Rift Valley, East Africa

14.50 Gary O'Sullivan
Microanalysis of detrital apatite as a provenance proxy in sedimentary systems