



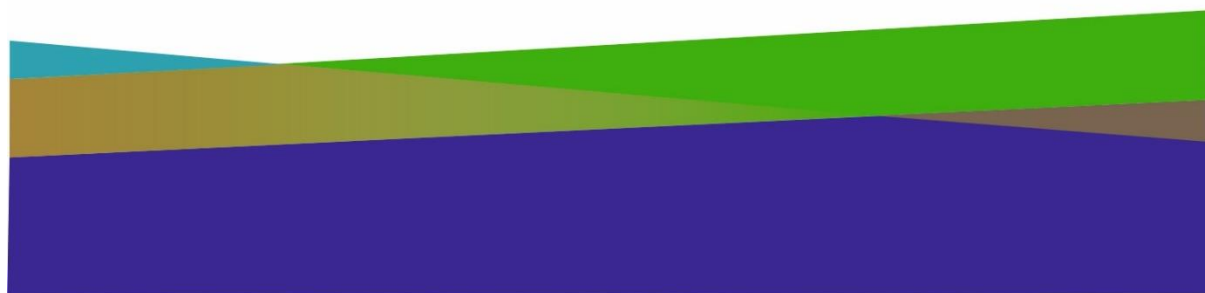
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Geoscience2024

Science for Society



Geological Survey Ireland Research Programme Poster Presentations

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1	Poster Title: <i>Authors:</i>	The development and impact of VR fieldtrips on Geoscience Curricula <i>I. Loriga, A. Lim, L. Macedo, T. Kenna, E. Jarvis, M. Tunwal</i>
2	Poster Title: <i>Authors:</i>	Current Progress of the Earthquake Outreach Programme QuakeShake <i>L. Reilly, M. Möllhoff, S. Power, P. Smith, C. Bean, L. Collins, P. Grange, E. Smithers, J. Grannell, H. Mohamed</i>

Geophysics

3	Poster Title: <i>Authors:</i>	3-D Electrical Conductivity Maps of the Lithosphere beneath Ireland: HiRES Project <i>D. Kiyon, C. Hogg, J. Campanya, C. Bean, P. Gallagher, C. Castro, J. Malone-Leigh, O. Avila Vargas</i>
4	Poster Title: <i>Authors:</i>	LiveMT: an automated suite for real-time magnetotelluric monitoring <i>C. Castro, C. Hogg, D. Kiyon, G. Hill, M. Moorkamp</i>
5	Poster Title: <i>Authors:</i>	MASTER MT Infrastructure: Magnetotelluric Acquisition Systems for Terrestrial Earth Research <i>D. Kiyon, C. Hogg</i>
6	Poster Title: <i>Authors:</i>	Geophysical mapping of high hydraulic conductivity and geothermal potential Cenozoic faults in the Tellus datasets. <i>S. Vokes, H. Othen, A. Melo, J. J. Walsh, K. English, K. Torremans</i>
7	Poster Title: <i>Authors:</i>	Study of the Leinster Granite using 3-D Joint Inversion of Gravity, Wide-angle Seismic and Magnetotelluric Data <i>D. Molodtsov, D. Kiyon, B. O'Reilly</i>
8	Poster Title: <i>Authors:</i>	Irish National Seismic Network: Recent Observations, Network Upgrades, and Planned Local Network in Northern Donegal <i>P. Smith, J.R. Grannell, M. Möllhoff, D. Craig, L. Collins, C. Horan, P. Grange, C. Hogg, C. J. Bean, K. Verbruggen, H. Mohamed</i>

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9	Poster Title: <i>Authors:</i>	Understanding the sensitivity of fibre optic cables to ground motion: a 2D & 3D numerical simulation approach <i>N. L. Celli, C. Bean, G. O'Brien</i>
10	Poster Title: <i>Authors:</i>	Salt Precipitation During Gas Storage in a Brine Reservoir: Impact on Hydro-Mechanical Properties of Sedimentary Rock <i>H. Zhang, B. Zhao</i>
11	Poster Title: <i>Authors:</i>	Monitoring Railway Embankment Condition Through Seasonal Changes Using DAS Active Seismic Surveys <i>M. Saqlain, A. Trafford, Q. Khan, G. Jessamy, J. Harms, S. Donohue</i>

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