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| **Abstract** Backfilled bell pits present significant ground hazards due to their unrecorded, generally random nature and un-compacted fill that has the potential to cause differential settlement if not suitably remediated. The presentation showcases a case study in the East Midlands in which over 300 bell pits were identified in close proximity to one another which required to be remediated due to the proposed housing development at the site. A precis of several investigation techniques undertaken at the site will be conveyed and challenges discussed in relation to industry best practice. **Speaker** Andrew is a Principal Geotechnical Engineer at GRM Development Solutions Ltd, a Member of the Institute of Materials, Minerals and Mining and a Chartered Geologist with the Geological Society of London. He has worked in industry for nearly 20 years across both small and large consultancies and specialises in geohazards and ground movement. Andrew has extensive mining experience relating to coal mining remediation including projects such as the former Llanilid opencast in South Wales, and large scale mineworking and shaft treatment at multiple phases of the Lawley housing development in Telford. He has personal links to the coal mining industry, having forefathers who once worked at Manton Colliery in Worksop and Teversal Colliery near Mansfield, and takes great interest in mining legacy and solving geotechnical problems associated with them.**This meeting is in person at the University of Birmingham. Details to the left.** |  |

**This season’s remaining lectures...**

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| **Date** | **Speaker/Presentation** |
| 5th Feb 24 | **Prof Ian Jefferson & NBIF Team***Challenges and innovation in researching the ground* |
| 4th Mar 24 | **Ian Gardner, Hydrock***All things E’* |
| 8th Apr 24 | John Mitchell Award Lecture 2022**Professor Michael Winter, Winter Associates** *Road Asset, Socioeconomic and Fatality Risk from Debris Flow* |
| 13th May 24 | **Alan Phear, Arup***Sustainable Design in Earthworks* |

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