The Geological Society

01 – 02 October 2025

Mineral Resource Evaluation 2025 (MRE25)

CONFERENCE PROGRAMME

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We partner with mining companies and investors worldwide, serving as their trusted experts providing integrated technical, advisory, and sustainability services across the complete mining lifecycle.

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SRK Consulting provides professional technical consultancy services to the mining and metals sector, encompassing multi-disciplinary technical studies and due diligence for mineral assets including exploration through to development, operation, and mine closure. SRK Consulting (UK) Ltd is part of the global SRK Group, which employs more than 1,700 professionals internationally in over 45 offices on 6 continents. The company's independence is ensured by the fact that it is wholly owned by its staff and holds no equity in any project. This permits SRK to provide its clients with conflict-free and objective recommendations on crucial judgment issues.

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Find out more at
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Wednesday 01 October

0920-0950	Registration Opens
0950-1000	Welcome Address

SESSION ONE: MINERAL RESOURCE ESTIMATION / NEW APPROACHES
Session Chair: Helen Oliver, Endeavour Mining

1000-1050	**Keynote:** Advanced resource modelling through rapid user-supervised automated workflows	Julian M. Ortiz, *Camborne School of Mines*
1050-1115	Machine Learning models for uncertainty quantification of mineral resource estimates	Hadrien Meyer, *DeepLime*
1115-1140	What a Geologist Thinks They Are Giving a Mining Engineer, and What a Mining Engineer Thinks They Are Getting — Are They the Same Thing?	Tarrant Elkington, *Snowden Optiro* Belinda van Lente, *Hummingbird Resources*
1140-1200	**Tea & Coffee Break**	

Session Chair: Mark Campodonic, SRK

1200-1225	A general methodology for defining geometallurgical domains for resource estimation	Muhammad Khan, *Camborne School of Mines*
1225-1250	Python-Powered Workflows in Mining: From Automation to Innovation	Claude Cavelius, *DeepLime*
1250-1315	Nickel grade estimation using the novel hybrid model of the artificial neural network (ANN) – Archimedes Optimization Algorithm (AOA)	Veriyadi Veriyadi, *PT. Grabuma & Threedify Inc. (Virtual)*
1315-1415	**Lunch**	

SESSION TWO: SAMPLING / QAQC
Session Chair: Hylke Glass, Camborne School of Mines

1415-1505	**Keynote:** From sample to data…. unmentioned sources of bias….. the case for Quality Management	Oscar Dominguez, *AngloGold Ashanti*
1505-1530	Presenting the international sampling standard DS 3077:2024	Kim Harry Ebensen, *KHE Consulting (Virtual)*
1530-1550	**Tea & Coffee Break**	
1550-1615	Application of PhotonAssay™ to Coarse-Gold Mineralisation – The Importance of Rig to Assay Optimisation	Simon Dominy, *Snowden Optiro/Camborne School of Mines*
1615-1640	The Importance of QAQC in Mineral Resource Estimation.	Tracey Laight, *SLR Consulting*
1640-1650	CRIRSCO / PERC update / whats new	Ed Sides, *PERC & CRIRSCO Committees*
1650-1655	Chartership at The Geological Society	Kate Kwiatek, *The Geological Society*
1655-1800	Drinks reception, kindly sponsored by Snowden Optiro	

Thursday 02 October		
0900-0920	Registration Opens	
0920-0930	Welcome Address	Simon Dominy, Snowden Optiro / Camborne School of Mines
SESSION THREE: MINERAL RESOURCE ESTIMATION CASE STUDIES **Session Chair: Julian Aldridge, Snowden Optiro**		
0930-1020	**Keynote:** Smart Modelling: AI and Machine Learning in Geometallurgy's Digital Transformation	Glacialle Tiu, *Luleå University of Technology (Virtual)*
1020-1055	Towards a geo-met model of the Beauvoir Granite - the continued development of a European hard rock lithium project	Owen Herod, *Imerys*
1055-1120	The Importance of Proven Material in Industrial Mineral Ore Reserves. A Case Study of the Epanko Graphite Project, Tanzania	David Drabble, *EcoGraf Limited*
1120-1140	**Tea & Coffee Break**	
Session Chair: Tracey Laight, SLR		
1140-1205	Challenges of Mineral Resource Estimation in High-Nugget Coarse Gold-Bearing Conglomerates: Case Study from the Beatons Creek Deposit, Pilbara, WA	Jan Graham, *Snowden Optiro*
1205-1230	3D Estimation of a Narrow Copper Vein in Poland: Addressing the Limitations of Traditional Grade-Thickness Approaches	Ryan Langdon, *Micon International Co Ltd*
1230-1255	Fit the Model to the Data, not the Data to the Model: A Case Study from the Sabodala-Massawa Gold Tenement, Senegal	Helen Oliver, *Endeavour Mining*
1255-1400	**Lunch**	
SESSION FOUR: MINERAL RESOURCE REPORTING **Session Chair: Belinda van Lente, Hummingbird Resources**		
1400-1450	**Keynote:** JORC 2025 and the evolution of reporting Codes – implications for the industry	Ian Glacken, *Snowden Optiro*
1450-1515	Does ESG belong in mineral resource reporting?	Teresa Steele-Schober, *SRK and CRIRSCO ESG Working Group*
1515-1535	**Tea & Coffee Break**	
1535-1600	Responsible Mining - A Balanced Approach to Mineral Resource Reporting.	Lucy Roberts & Emily Harris, *SRK Consulting UK Ltd*
1600-1625	Classification – are we suffering from groupthink	Mark Burnett, AMC
1625-1655	General Discussion	Chaired by Hylke Glass
1655-1700	Closing Remarks	

Posters

The Genesis and Styles of Akobo Gold Mineralization within the Shear Zone ultramafic belt in southwestern Ethiopia.	Siraj Beyan Mohamed, *Addis Ababa Science and Technology University*
Advancing Mine Tailings Characterization: A Hybrid Geostatistical–Deep Learning Approach	Keyumars Anvari, Institute of Mine Surveying and Geodesy, *TU Bergakademie Freiberg*
High-resolution imaging spectroscopy as a tool for drill core mineral mapping	Lottie Atton, *University of Plymouth*
True Grit: characterising the complexity of silica sands	Julian Aldridge, *Snowden Optiro*

Convenors:

Dr Simon Dominy – Snowden Optiro / Camborne School of Mines
Prof. Hylke Glass – Camborne School of Mines
Helen Oliver – Endeavour Mining
Dr Belinda van Lente – Hummingbird Resources

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