

Geometallurgy Conference 2025

Future-Ready Geometallurgy: Trusted Data, Advanced Tools, Smarter Decisions

13 October 2025 **Technical Workshops**

14-15 October 2025 **Conference**

16 October 2025 **Technical Visits**

Venue: Glenburn Lodge and Spa, Muldersdrift

(1-hour drive from O.R. Tambo International Airport,
Johannesburg, South Africa)

ECSA and SACNASP Validated CPD
ActivityCredits = 0.1 per hour attended



SUPPORTED BY GSSA & MINSA



BACKGROUND

Ore heterogeneity and metallurgical complexity continue to rise, while sustainability occupies an ever-prominent role. Geometallurgy offers a refined, multidisciplinary pathway to improve the value of ore deposits.

Future-Ready Geometallurgy examines strategies to generate trustworthy data through the steady application of machine learning, novel sensors, digital twins, and Industry 4.0 technologies in mining. Reliance on dependable data and innovative tools empowers the industry to make more timely and discerning decisions for mine planning and metallurgical plant optimisation.

Following the success of past SAIMM Geometallurgy conferences, the third conference in this series provides a platform to explore the latest progress in geometallurgy and to celebrate the success of its integration into the mining value chain.

CONFERENCE THEMES

- Sampling and sensor-based core logging
- Practical tools and methodologies for ore characterisation and testing
- Standardised methods for reporting to generate trusted data
- Geostatistics, data integration, smart workflows, and modelling
- Incorporation of predictive mining, processing, and environmental models into resource modelling
- Project and operational geometallurgy case studies

KEY DATES

- 17 June 2025 – Submission of short abstracts
- 29 July 2025 – Submission of extended abstracts for peer review
- 13 October 2025 – Technical workshops
- 14-15 October 2025 – Conference
- 16 October 2025 – Technical visits

Keynote Speakers



Geomet Advisor & Business
Development Manager,
Datarock, Australia

Wendy Ware



Chief Metallurgist, Transmin
Metallurgical Consultants,
United Kingdom

Adam Johnston

Call for Abstracts

Prospective authors are invited to submit short abstracts of not more than 500 words to: Conferences and Events Co-ordinator, Gugu Charlie, e-mail: gugu@saimm.co.za

Authors of accepted abstracts will be required to submit extended abstracts for peer review and publication in the conference proceedings.

Following the conference, full papers can be submitted to the journal for peer review and publication in an SAIMM Journal Special Issue.

FOR FURTHER INFORMATION CONTACT:

Gugu Charlie, Conferences and Events Coordinator

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