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OF MINING AND METALLURGY



Geometallurgy Conference 2023

Geomet meets Big Data

4 September 2023 Technical Workshop

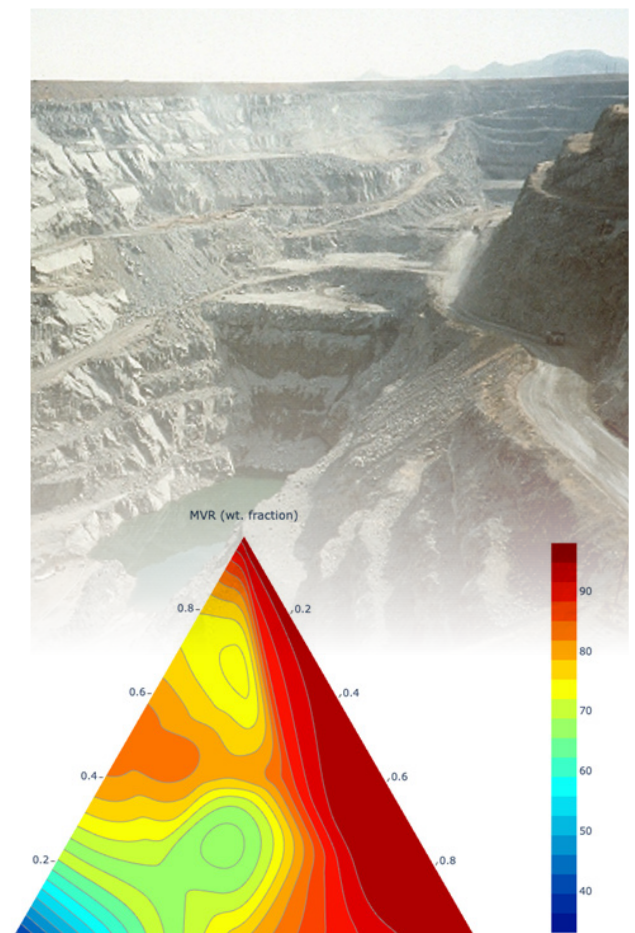
5-6 September 2023 Conference

7 September 2023 Technical Visit

**Hazendal Wine Estate,
Stellenbosch, Western Cape**

BACKGROUND

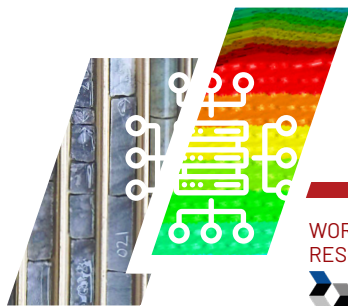
The theme of this second geometallurgy conference 'Geomet meets Big Data' is inspired by the growing interest and focus on big datasets, machine learning, novel sensors, digital twins and 4IR in the mining industry. The concept of Geometallurgy goes back to some of the earliest mining activities when mineral recognition, mining, separation, and concentration were undertaken simultaneously. Over time, changes in operational structures, product expansion and specialisation ultimately led to the diminishment and breakdown of this holistic approach. In the last two decades, Geometallurgy has become a sophisticated yet entirely logical return to this integrated approach to mine planning. In a world of exponentially increasing ore heterogeneity and metallurgical complexity coupled with a demand for improved sustainability, Geometallurgy is effectively a highly structured, integrated multi-disciplinary collaboration for optimizing the value of an ore deposit. This conference provides a platform for the discussion of some of the newest developments in the field of geometallurgy and a celebration of the success of Geometallurgy integration and value-add.



FOR FURTHER INFORMATION CONTACT:

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CONFERENCE THEMES

- Sampling and core logging
- Practical tools and methodologies for ore characterization and testing
- Geostatistics, data integration and modelling
- Incorporation of predictive mining, processing, and environmental models into the resource model
- Strategic and operational geometallurgy
- Case studies
- Sustainability

EXPRESSIONS OF INTEREST AND CALL FOR PAPERS

Prospective authors are invited to submit papers for this conference.

Please email papers and requests to be added to the conference mailing list to Gugu Charlie: Conference Co-ordinator, SAIMM at gugu@saimm.co.za.

KEYNOTE SPEAKERS



Dr. Jared Deutsch
Resource Modeling
Solutions Ltd, Canada



Glen Nwaila
University of the Witwatersrand
South Africa

KEY DATES

9 April 2023	Submission of abstracts deadline
7 June 2023	Submission of papers deadline
4 September 2023	Technical Workshop: Machine Learning for Geometallurgical Modeling – Practical Techniques and Applications
5-6 September 2023	Conference
7 September 2023	Technical Visit: Stone Three, Cape Town



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