



BM
BASE METALS
2023

COPPER COBALT AFRICA

IN ASSOCIATION WITH
THE 10TH SOUTHERN AFRICAN
BASE METALS CONFERENCE

12-16 JUNE 2023

AVANI VICTORIA FALLS RESORT,
LIVINGSTONE, ZAMBIA

MEDIA PARTNERSHIP



SAIMM is proud to host the Third Copper Cobalt Africa Conference.

To be held in Livingstone, Zambia, this anticipated and prestigious event provides a unique forum for discussion, sharing of experience and knowledge, and networking for all those interested in the processing of copper, cobalt, and base metals in an African context. The conference takes place in one of the world's most spectacular settings - the Victoria Falls, the 'Smoke that Thunders'.

The African Copper Belt has experienced a period of mixed fortunes since the last conference, held in 2018. The global slowdown in commodity demand during the early stages of the pandemic caused many operations to downscale or cease production. For those continuing in business, this resulted in considerable focus on process and operating cost optimisation, productivity improvements, product quality enhancements, skills development and capacity building, and consolidation of best practice within the industry. New projects are required to be well-defined and -motivated, and subject to greater technical and financial scrutiny, to ensure that they can rapidly ramp up and deliver immediate value.

Today, the global focus on climate-change initiatives and move away from fossil fuels, together with the burgeoning lithium-ion battery market is opening up opportunities for expanded copper and cobalt production, interest in producing high-purity base-metal salts for cathode material applications, and consideration of recycling efforts for end-of-life products.

This conference provides a platform for discussion of new and more agile ways of operating and remaining relevant and innovative in a world that has changed considerably since 2020.

World-class plenary speakers offer a unique opportunity to hear first-hand opinions on the status and overview of the industry. Industry operators will be able to share technical experience and practices, meet vendors, and learn about new technologies and processes that can add value to their operations.

Continuing Professional Development Short Courses

Two Continuing Professional Development short courses are offered, both presented by world-recognised experts and leading engineers. The courses are accredited for CPD points by the Engineering Council of South Africa.

Hydrometallurgy of Cobalt focuses on the various unit operations in cobalt processing, with relevance to the Copperbelt operations.

Flotation: Fundamentals and Applications to Copperbelt Ores provides an introduction and case topics of this topic for metallurgists, covering both fundamental and practical techniques.

Post-Conference Technical Tour

For international participants, this conference offers an ideal opportunity to gain in-depth knowledge of and exposure to the African copper-cobalt industry, as well as other base-metal operations and projects in the region, and to better understand the various facets of minerals processing and extraction in this part of the world.

A unique opportunity is provided for a one-day tour to Kansanshi, the largest copper mine in Zambia. This operation treats oxide, sulfide, and transitional ores by flotation, and includes a smelter, hydrometallurgy circuit with both atmospheric and pressure leaching, an acid plant, and a small gold production plant.

Hosted by the Metallurgy Technical Programme Committee of SAIMM, this conference aims to:

- Promote dialogue between operators, vendors and service providers on common metallurgical challenges facing the industry;
- Enhance understanding of new and existing technologies that can lead to safe and optimal resource utilization;
- Encourage participation and build capacity amongst young and emerging professionals from the Copper Belt region.



TYPE OF EVENT

The event is currently planned as an in-person conference only. As necessary, this decision may be revisited should country or international travel requirements change.

CONFERENCE TOPICS

- Economics, outlook, and sustainability
- Mineralogy
- Geometallurgy
- Minerals processing
- Sulfide and oxide flotation
- Pyrometallurgy and roasting
- Hydrometallurgy
- Operational practices and improvements
- Project development and execution
- Novel technologies
- Process control and optimisation
- Recycling and waste treatment
- Environmental issues



Kansanshi Mine

FOR FURTHER INFORMATION, CONTACT:

Camielah Jardine,
Head of Conferencing

E-mail: camielah@saimm.co.za
Tel: +27 11 538-0238 | Web: www.saimm.co.za



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THE SOUTHERN AFRICAN INSTITUTE
OF MINING AND METALLURGY



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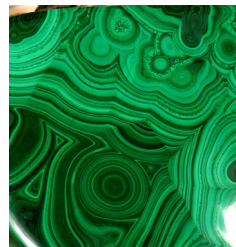


EXHIBITION/SPONSORSHIP

Sponsorship opportunities are available. Companies wishing to sponsor or exhibit should contact the Conference Co-ordinator.

KEY DATES

31 March 2023	Author and presentation registration deadline
31 March 2023	Deadline for Early-bird registration
21 April 2023	Deadline for final camera-ready papers
30 April 2023	Deadline to register for post-conference technical tour
31 May 2023	Deadline to register for short courses
9 June 2023	Deadline to register for conference
12 June 2023	Short courses
12 June 2023	Conference welcome reception
13-15 June 2023	Conference
14 June 2023	Sunset river cruise and conference dinner
16 June 2023	Technical tour to Kansanshi



- LinkedIn: Copper Cobalt Africa 2023
- Facebook: Copper Cobalt Africa
- Twitter: #CuCoAfrica
- Website: <https://www.saimm.co.za/saimm-events/upcoming-events/copper-cobalt-africa>

Please also join the LinkedIn Copper Cobalt Africa 2023 group to receive regular updates.

The Organizing Committee looks forward to your participation.

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A few sponsorship opportunities are still available. Please contact the Conference Coordinator.