

The Southern African Institute of Mining and Metallurgy in collaboration with the Zululand Branch are organising:

# HMC 2023

TWELFTH INTERNATIONAL HEAVY MINERALS CONFERENCE

**21-22 AUGUST 2023**  
THE CAPITAL ZIMBALI, BALLITO,  
KWAZULU-NATAL

He  
B C N O F Ne  
Al Si P S Cl Ar  
V Cr Mn Fe Co Ni Cu Zn Ga Ge As Se Br Kr  
Nb Mo Tc Ru Rh Pd Ag Cd In Sn Sb Te I Xe  
Ta W Re Os Ir Pt Au Hg Tl Pb Bi Po At Rn  
Db Sg Bh Hs Mt Ds Rg Cn Nh Fl Mc Lv Ts Og



**SAIMM**  
THE SOUTHERN AFRICAN INSTITUTE  
OF MINING AND METALLURGY

## Countering risks in an evolving future for heavy minerals

### CONFERENCE THEME

The HMC series of conferences has previously been focused on mining and processing of heavy minerals. Whilst this conference will still focus on these important issues, there is a shift in focus to include some of the more strategic risks affecting this industry. With the recent global changes such as climate change and its effect on operations close to sea level, the energy crisis and its effect on the economics of smelting and geopolitical risk and its effect on supply chains dependent on unfriendly countries. The future of the industry is now at risk from such changes which are outside of its immediate control. Failure to recognise these significant risks could impact the entire future of the heavy minerals industry. There are also time constraints on finding solutions to such issues. This conference will attempt to high light some of those risks and to suggest possible mitigation measures.

### CONFERENCE OBJECTIVE

This series of conferences was started in 1997 and has run since that date. The Conference alternates between South Africa and other heavy mineral producing countries. It provides a forum for an exchange of knowledge in all aspects of heavy minerals, from exploration through processing and product applications. This is a strictly technical conference, and efforts by the Organizing Committee are aimed at preserving its technical nature. The benefit of this focus is that it allows the operators of businesses within this sector to discuss topics not normally covered in such forums. The focus on heavy minerals includes the more obvious minerals such as ilmenite, rutile and zircon; and also other heavy minerals such as garnet, andalusite, and sillimanite.

### ABOUT THE VENUE

Located in a luxury eco estate with insanely beautiful Indian Ocean views, less than 15 minutes from King Shaka International Airport. SET IN A TROPICAL FOREST that unfurls into the ocean, the resort blends organically into a lush natural landscape. A magnet for fun seekers, families, couples, solo explorers and business travellers; the resort is far enough removed to allow you to step back and take time to enjoy the tranquil surroundings.

### WHO SHOULD ATTEND

#### Professionals specialising or working in the areas of:

- Renewable energy
- Water purification
- Infrastructure
- Desalination plants
- Innovation managers
- Mechanical engineers
- Metallurgical managers
- Metallurgical consultants
- Metallurgists
- Mine managers

#### As well as the following industry professionals are invited to participate:

- Academics
- Business development managers
- Concentrator managers
- Consultants
- Engineers
- Exploration managers
- Geologists
- Hydrogeologists
- Mining engineers
- New business development managers
- Planning managers
- Process engineers
- Product developers
- Production managers
- Project managers
- Pyrometallurgists
- Researchers
- Scientists

### CALL FOR PAPERS AND KEY DATES

**Prospective authors are invited to submit abstracts of not more 500 words, in English. Please email abstracts and requests to be added to the conference mailing list to Gugu Charlie: Conference Co-ordinator, SAIMM at [gugu@saimm.co.za](mailto:gugu@saimm.co.za)**

- 27 March 2023** - Submission of abstracts
- 10 April 2023** - Acceptance of abstracts
- 15 May 2023** - Submission of papers
- 21-22 August 2023** - Conference

### FOR FURTHER INFORMATION, CONTACT:

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Conference co-ordinator

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