



# KIMBERLEY INTERNATIONAL DIAMOND SYMPOSIUM

REGISTER NOW



**23 - 27 AUGUST 2023**  
**HORSESHOE INN AND CONVENTION CENTRE**  
**SECOND CIRCULAR**

This symposium will focus on research and new technologies being applied across all facets of the industry, diamond exploration and mining, including alluvial diamonds. New findings relating to kimberlite exploration will also be presented. Technological developments relating to diamond processing, recoveries, and security, particularly of large high value diamonds and exceptional, which are key considerations in the mining and recovery process given the generally high value of the product, will also be addressed. World-wide activities of diamond explorers and miners, senior and Junior, will be covered, as will the state of play of the international diamond business. To this end, we welcome Paul Zimnisky, a leading global diamond industry analyst based in the New York City metro area specializing in global diamond supply/demand fundamentals and the companies operating within the industry; Barend Petersen the Executive Chairman of De Beers Consolidated Mines, the world's leading diamond company dealing in the entire value chain from exploration to sales and everything in between, including the industrial diamond sector; Hero Kalra, a leading diamond researcher from India; and Dr Geoffrey Howarth, an igneous petrologist and economic geologist from UCT as keynote speakers at this event.

Participants will get exposure to the fascinating history of the Northern Cape Diamond Fields. 2020 was the 150th anniversary of diamond mining in Kimberley which paved the way for the development of the modern diamond industry.

This symposium will also acknowledge and pay respects to several pioneers of diamond and mantle mineral R&D, exploration and evaluation of deposits, and the mining of kimberlites and alluvial deposits, both land and marine.

## PROPOSED EVENT PROGRAMME

### Wednesday 23 August

- Arrive in Kimberley
- Afternoon visit to Kimberley Big Hole Museum (14h00)
- Welcoming function at the Kimberley Club (17h30 for 18h00), sponsored by Ekapa Diamonds.

### Thursday 24 August

- Welcome and formal opening of Symposium.
- Technical sessions and trade show
- Cocktail Event – location TBA.

### Friday 25 August

- Technical sessions and trade show
- Diggers Braai (Horseshoe Inn), sponsored by Lower Orange River Diamonds

### Saturday 26 August 2023 (08:00 – 17:00)

- Early morning visit to Boshoff Road Nodule dumps

The Boshoff Road dump is derived from the treated tailings of Bultfontein mine and is well over a 100 years old. It is famous for the wide variety of peridotite mantle xenoliths that can be observed and sampled. Most common are harzburgites and lherzolites with or without garnet. Interestingly it was the study of these xenoliths that the concept of mantle metasomatism evolved that revolutionised mantle melting models. The trip will last 2 hours and samples can be collected.

- Kimberlite mine visits

The Kimberley pipes of Du Toitspan and Bultfontein were the first diamond-bearing volcanoes to be discovered in 1869. The pipes of De Beers and Kimberley (The Big Hole) were discovered a year later in 1870. Interestingly Wesselton close by was only discovered 25 years later. All pipes are dated at 90my and today are being mined by Ekapa. It is hoped to have an underground visit to Wesselton.

- Wesselton Underground kimberlite mine visit (World's deepest operating kimberlite mine – Group-I, intrusive age – 90Ma)
- Bultfontein – Dutoitspan (Joint-shaft) Surface visit and Ekapa Mine + Tailings Plant
- Historical tour(s) of Kimberley for Partners and other interested parties.

### Sunday 27 August 2023 (08:00 – 17:00)

- Alluvial diamond site visits

The Middle Orange River area is unique as three of the most prominent diamond bearing rivers in South Africa converge within a 30 km radius. It is also the area in the world with the highest average diamond value. A medium scale alluvial diamond mine will be visited where the different terraces, mining methods and recovery techniques will be explained and discussed.

# PRELIMINARY PROGRAMME

Thursday 24 <sup>th</sup> August		
<b>Keynote Address: The state of play of the international diamond market</b>	Paul Zimnisky	Paul Zimnisky
Attracting Funds to Develop Southern Africa's Diamond Exploration and Mining Potential	James Campbell	Botswana Diamonds
Evaluating small alluvial diamond deposits according to the SAMREC Code	Tania Marshall	Explorations Unlimited
Using Satellite imagery in alluvial diamond prospecting	Craig Lubbe	Geoscientific Services
Targeting Social and Labour Plan compliance	Willie Oosthuisen	Wadala Mining & Consulting
TBC	TBC	Minerals Council
Autogenous milling of weathered kimberlites - The dilemma with high slime ore bodies	Nico van Vuuren	Consulmet
TBC	Abdul Kenan	Council for Geoscience
<b>Keynote Address:</b>	Barend Petersen	De Beers Consolidated Mines
Using high tech exploration on alluvial deposits	Lyndon de Meillon	Pvt
Amazing large diamonds - eat your heart out!	Ray Ferraris	Ray Ferraris
General Environmental Compliance and new Legislation applicable to and affecting Diamond Mining	Roelien Oosthuisen	Wadala Mining & Consulting
<b>Panel Discussion:</b> What will the (international and local) diamond industry look like in 10 - 20 years?	<b>Moderator</b> James Campbell	Paul Zimnisky, Peter Moeti, Basil Nasser

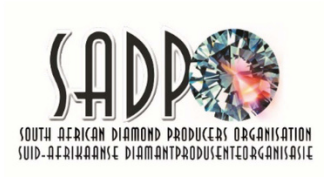
Friday 25 <sup>th</sup> August		
<b>Keynote Address: Kohinoor and other Golconda Diamonds</b>	Hero Kalra	CSIR-SRF
Alluvial diamonds in Lesotho/Kao	John Ward	GEM Diamonds
Alluvial Diamonds in Moçambique	Sara Turnbull	SRK
Artisanal mining in the DRC	Rebecca Pain	Pvt
<b>Panel Discussion:</b> The ASM policy document	<b>Moderator</b> Lyndon de Meillon	Rebecca Pein, Willem Buttler, Deon Bowers,
Diamonds from Kao	Debbie Bowen	Namaqua Diamonds
The role and development of junior diamond explorers and miners in the international business	John Bristow	Pvt
<b>Keynote Address: Diamond textural relationships in situ with their host rocks using CT scanning of diamondiferous xenoliths</b>	Geoffrey Howarth	UCT
The use of kimberlite megacrysts to understand lithospheric mantle-kimberlite melt interaction	Phil Janney	UCT
Constraints on the composition of the lithospheric mantle beneath the southern DRC and northeastern Angola from the major element compositions of kimberlite indicator minerals	Fillsmith Luzolo-Ndongani	UCT
The origin of megacrysts from the Camp Alpha kimberlite - Liberia, West African craton	Ellwin Shiimi	UCT
Applicability of Al-in-olivine geothermobarometry in diamond exploration	Merrily Tau	UCT
Using kimberlite indicator mineral geochemistry to better constrain the chemical and thermal structure of the lithospheric mantle beneath the Kaapvaal craton	Sinelethu Hashibi	UCT

# SPONSORS and TRADE SHOW EXHIBITORS

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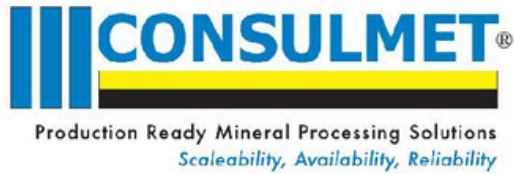


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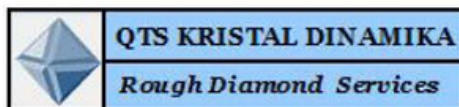
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## REGISTRATION COSTS

GSSA, SEG, SAIEG, FFF, SAIMM, SAGA, GASA, GSA members	R3 500,00
Non GSSA, SEG, SAIEG, FFF, SAIMM, SAGA, GASA, GSA members	R4 000,00
Students	FREE
SADPO Members	R1 500,00
Retired Member	R1 000,00
Single Day - Symposium Only	R1 500,00
Accompanying Party or Partner	R1 000,00

REGISTER NOW



## EVENT LOCATION

The conference and trade show will take place in Kimberley. The event will be located at the Horseshoe Inn and Convention Centre, located at 101 Memorial Road, N12 Kimberley. The Inn will provide discounted accommodation for registered delegates.

## TRADE SHOW

The Trade Show will be located at the Horseshoe Inn and Convention Centre at 08h00 on Thursday 24th August 2023 and will run until 17h00 on Friday 25th August 2023. The Trade Show will be located adjacent to the convention facility where the technical presentations will take place.

## SPONSORSHIP

Book your sponsorship package now in order to avoid disappointment - [Click here](#)

ALL STUDENTS registration will be sponsored (travel costs and accommodation costs, however, cannot be covered by the event).

## TRAVEL & ACCOMMODATION

Accommodation is plentiful in Kimberley and ranges from boutique guesthouses and international hotel chains to budget motels, B&Bs and game farms. The Symposium has attracted considerable local and international support and participants are advised to make their travel and accommodation arrangements sooner rather than later. The conference has an agreement with the following establishments to offer discounted accommodation to registered conference delegates:

- Protea by Marriot Kimberley (4-star hotel)
- Horseshoe Inn (3-star motel)

Kimberley is serviced by at least four return flights a day from Johannesburg (SA Airlink / CemAir) and a morning and evening return flight from Cape Town (less on weekends). Travellers are advised to book early. Flying to Bloemfontein (from Johannesburg and Cape Town) and driving across to Kimberley (~ 90 mins) is also an option. Bookings can be made through your travel agent, [www.flyairlink.com](http://www.flyairlink.com) or [www.flycemair.co.za](http://www.flycemair.co.za)

Road transport is via Johannesburg, via Potchefstroom to Kimberley (note this is a busy road and parts are in poor repair), or from Johannesburg via Bloemfontein to Kimberley. There is also a good (but more lengthy option) from Cape Town to Kimberley.

## OTHER USEFUL INFORMATION

### Dress Code

Delegates are reminded that the event at the Kimberley Club requires smart formal dress (collar, tie and jacket) for the Kimberley Club function (NO jeans and T-shirts will be allowed into the Kimberley Club). The technical sessions and fieldtrips are much more informal with a more relaxed style.

### Weather Advisory

Kimberley and the Northern Cape can get particularly cold and dry (with minimal humidity) and nighttime temperatures can drop below zero in August. A multiple-layer approach to dressing is recommended with a warm jacket and decent hat or cap and sun block is advisable for fieldtrips.

### Medical Services

Kimberley has a full range of adequate medical, dental and allied services, including private medical clinics. Overseas participants are advised to ensure that their medical insurance policies are valid for travel and medical care in RSA.

### Health and Safety

Symposium participants, partners, spouses and colleagues may be undertaking field trips and visiting various active mine sites. In the interests of safety, all participants are required to adhere to instructions issued by Symposium organisers, tour leaders, and other officials and individuals (including officials and staff of the Conference Centre, The Kimberley Club, Big Hole Mine Museum, and the mines that will be visited on field trips) and parties that may be associated with the Symposium.

The organisers, companies, and organisations involved in the running of the Symposium and all allied functions, trade show, and field excursions, and in any way associated with the Kimberley Symposium and field trips will not be liable for any illness, or injury sustained by participants during the course of attending the symposium and subsequently thereto. Your attendance at this event signifies your agreement hereto.

### Admission to the Technical Sessions, Trade Show, and Functions

In the interests of ensuring safety and security, only registered delegates with valid Symposium ID tags will be admitted to the technical sessions, the trade, functions, and field trips.

### Parking

Secure parking is available in the grounds of the Conference Centre. Although there will be security guards on the premises, delegates are advised to take care not to leave valuables visible in their vehicles.