



**2<sup>nd</sup> Announcement**  
***Registration Is Now Open!***  
**Preliminary**  
**Programme Published**

[www.sahhaconf.co.za](http://www.sahhaconf.co.za)



Dear Industry Professionals and Associates,

We are pleased to announce that Registration for the South African Heavy Haul Association (SAHHA) Conference 2022 is now open. The conference will take place at Emperors Palace, Johannesburg, on **2-4 August 2022**. The preliminary programme for the conference is also published.

The theme of the conference is ***“Safe, Resilient and Efficient Heavy Haul – pit to port”***.

The programme features local and international experts who will be presenting on operational and technical advancements in the areas of Infrastructure, Rolling Stock, Maintenance, Operations, Systems and Processes, Safety, Security and Human factors. It will also feature discussions around strategic insights on industry policy and its impact on the logistics system, global logistics trends, best practice on the logistics system and technological developments.

The scope has been expanded to cover the entire Heavy Haul logistics value chain, from train loading at the mines, to vessel loading at the ports (pit to port).

We extend our gratitude to all our confirmed speakers, sponsors, exhibitors and strategic partners for their participation and contributions in making the upcoming conference a success.

On behalf of SAHHA, I kindly request more support in the form of sponsorship, exhibitions and attendance of conference.



We encourage you to take advantage of the Early Bird discounted rate by registering now, before it expires on **15 July 2022**.

For more information, and to register, please visit the conference website at [www.sahhaconf.co.za](http://www.sahhaconf.co.za) – Or contact the Conference Secretariat at: Tel: +27 21 836 8315 or Email: [info@sahhaconf.co.za](mailto:info@sahhaconf.co.za)

I look forward to the fruitful discussions we will have at this conference.

**Brian Monakali**  
Chairman, SAHHA

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## TRANSNET



**Portia Derby**  
Group Chief Executive  
Transnet SOC Limited

## PLATINUM SPONSOR & PARTNER

Ms. Portia Derby is the current Group Chief Executive of Transnet SOC Ltd, appointed February 2020. She has occupied senior positions in the South African government during a period of major economic reform. Portia is the former Director-General of Public Enterprises (2005 - 2009) responsible for Corporate Strategy and Structure of the Investment Portfolio (2004 - 2005) and former Chief Operating Officer of the Department of Trade and Industry (2002). Portia's career in government started at the National Institute for Economic Policy (NIEP), as a financial researcher where she played an integral role in working on the quantification of the Reconstruction and Development Programme (RDP). Portia previously served as a non-executive director of Metair Investments and Safcol. She has also worked in the private sector as an Executive Director: Clients Africa at Aurecon, an international engineering and infrastructure advisory company. Portia holds a Bachelor of Science Degree (majoring in Economics and Geology), an Honours degree in Economics from the University of Natal, as well as a Master's in Business Administration from the University of the Witwatersrand, Johannesburg.

## SILVER SPONSORS

**Plasser South Africa**



**Plasser & Theurer**

## STRATEGIC PARTNERS AND MEMBERS OF SAHHA



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## REGISTRATION

To register for the conference, visit the conference website at [www.sahhaconf.co.za](http://www.sahhaconf.co.za) and go to the Registration page. Click on the **register online** button to open the Online Registration portal.

## REGISTRATION FEES

Early Bird Rate	R7 000	Up to 15 July 2022
Standard Rate	R8 000	From 16 July 2022

TIME IS LIMITED, REGISTER NOW TO QUALIFY FOR THE EARLY BIRD DISCOUNT RATE

## RANGE OF KEY TOPICS

STRATEGIC MATTERS

RAIL INFRASTRUCTURE

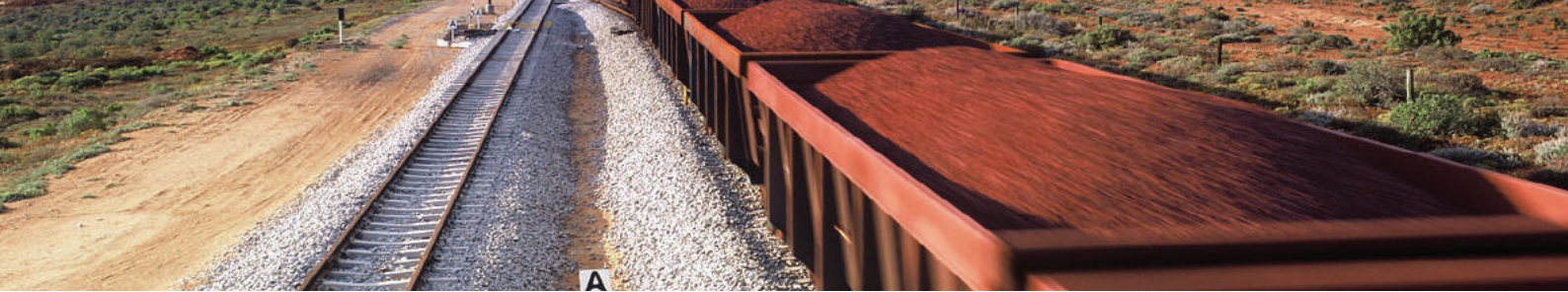
LOADING/OFFLOADING/  
SHIPPING

ROLLING STOCK

HUMAN CAPITAL

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## PRELIMINARY CONFERENCE PROGRAMME

SAHHA 2022 PRELIMINARY CONFERENCE PROGRAMME OUTLINE		
Theme: Safe, Resilient and Efficient Heavy Haul		
DAY 1: 2 AUGUST 2022		
09h00-09h15	Welcome Address	Brian Monakali, Chairman, SAHHA
09h15-09h45	National Rail Policy – Highlights, Implications and Opportunities	Ngwako Makaepea, Deputy Director General, Rail Transport, Department of Transport
09h45-10h15	Transnet's Plans in response to the Rail Policy	Portia Derby, Group Chief Executive, Transnet SOC Ltd
10h15-10h45	Transnet's medium-to long-term plans to support the commodity sector	Dr. Andrew Shaw, Group Chief Strategy and Planning Officer, Transnet SOC Ltd
10h45-11h00	TEA / COFFEE	
11h00-11h30	Integrated Rail Planning & Scheduling Transformation, enabling open access to Rail – A case study of Aurizon	John Woods, Head of Planning & Scheduling, Aurizon Network, Australia
11h30-12h00	Opportunities and Challenges of the Mining Sector – Expected Role of the Logistics System	Roger Baxter, CEO, Minerals Council South Africa
12h00-12h30	Future of Heavy Haul	Prof. Jan Havenga and Dr. Zane Simpson, Stellenbosch University
12h30-13h00	Questions and Answers Panelists: Ngwako Makaepea, Portia Derby, Dr. Andrew Shaw, John Woods, Roger Baxter, Prof. Jan Havenga	
13h00-14h00	LUNCH	

# SAHHA 2022 DRAFT CONFERENCE PROGRAMME OUTLINE

## DAY 1: 2 AUGUST 2022 (CONTINUED)

### PARALLEL STREAMS

	Rail Infrastructure	Rolling Stock
14h00-14h30	The Journey towards the longest coal train of 312 wagons – Abraham Tshwale, Transnet Freight Rail	<i>Rotary Coupling System: a simple modification to overcome decades of tipping interruptions – Charles Ncubuka, Transnet Freight Rail</i>
14h30-15h00	Survey of Industry 4.0 Technologies for improved track infrastructure maintenance management – Wessel Swart, Deepak Budhram, Transnet Freight Rail	<i>Additive manufacturing: towards efficient rail rolling stock maintenance, repair and overhaul – Dr Ntombi Mathe-Maleboho, Senior Researcher, CSIR</i>
15h00-15h30	Infrastructure requirements for the digital railway – Prof. Hannes Gräbe, University of Pretoria	<i>Metal manufacturing review of rollingstock components in South Africa: trends, patterns, hindsight, insights and foresight for future maintenance – Dr. Velaphi Matjeke, Transnet Engineering</i>
15h30-16h00	Developments in Metallurgy and materials to ensure continuous resilience of railway infrastructure – Siboniso Vilakazi, Thulani Fakude, Transnet Freight Rail	<i>Design of the CRM 13 Wagons and off loading bucket scoop design for the off loading of export manganese on South Africa's heavy haul Iron ore line – Tebogo Mashego, Transnet Engineering</i>
16h00-16h15	TEA / COFFEE	
16h15-16h45	4 <sup>th</sup> Industrial Revolution track condition monitoring and management	<i>Dr Florian Auer, Head of Technology and Innovation, Plasser &amp; Theurer Austria</i>
16h45-17h15	Application of Data Analytics to maintenance prediction and derailment prevention	<i>Antonio Merheb, Railway Consultant, MRS Logistics, Brazil</i>
17h15	COCKTAIL FUNCTION	

# SAHHA 2022 DRAFT CONFERENCE PROGRAMME OUTLINE

## DAY 2: 3 AUGUST 2022

08h30-09h00	To be confirmed	To be confirmed
09h00-09h30	Sustainability, Reliability and Agility of the supply chain to support SA's mineral export	Dr. Juanita Maree, CEO, South African Association of Freight Forwarders (SAAFF)
09h30-10h00	Road to Rail Success – Case study of India	To be confirmed
10h00-10h30	Achieving Efficiency and Safety through engineering and technology – A case study of driverless trains at Rio Tinto	To be confirmed
10h30-11h00	Introduction of Human-centred system: pit to port	Dr. Jessica Hutchings, Head of Prevention, COID and Operations, Rand Mutual Assurance (RMA)
11h00-11h15	TEA / COFFEE	
11h15-11h45	Maximising regenerative energy on AC Rail lines: Coal, Manganese and Iron Ore lines	Adrian Reddy, Transnet Freight Rail
11h45-12h15	Hydrogen powered locomotives: the new development for Heavy Haul Rail	Jörg Marienhagen, Director Mobility Consulting, Deutschebahn Engineering & Consulting
12h15-12h45	To be confirmed	To be confirmed
12h45-13h45	LUNCH	

# SAHHA 2022 DRAFT CONFERENCE PROGRAMME OUTLINE

## DAY 2: 3 AUGUST 2022 (CONTINUED)

13h45-14h15	Increasing railway infrastructure's security resilience through introducing engineering and technological solutions	<i>To be confirmed</i>
14h15-14h45	Effective use of Unmanned Aerial Vehicles to curb theft and vandalism of infrastructure assets, a case study at Transnet Freight Rail	<i>Nndwakhulu, Chief Security Officer, Transnet Freight Rail and Otto Werdmuller Von Elgg, CEO, UDS</i>
14h45-15h15	Assessing infrastructure resilience to geohazards by satellite	<i>Dr Skevi Perdikou, Technology Manager, Geofem Ltd.</i>
15h15-15h30	<b>TEA / COFFEE</b>	
15h30-16h00	Climate Change – Impact on Heavy Haul Rail Infrastructure at Transnet	<i>Matimba Shihambi, Chief Engineer, Transnet Freight Rail</i>
16h00-16h30	Climate Change – Impact on Heavy Haul System – from mine to ship. Case Study of Sweden & Norway Heavy Haul System	<i>Prof. Per-Olof Larsson-Kråik, Senior advisor, Luleå University of Technology, Sweden</i>
16h30-17h00	Climate change and bridge-track interaction management: Observations from the Olifants River Bridge	<i>Prof. Pilate Moyo, Head of Engineering, University of Cape Town</i>



# SAHHA 2022 DRAFT CONFERENCE PROGRAMME OUTLINE

## DAY 3: 4 AUGUST 2022

08h30-09h00	Achieving efficiency and safety in the loading system of a Heavy Haul train	<i>Johan Meyer, Executive Head Projects and Technology, Exxaro</i>
09h00-09h30	Achieving Excellence in Heavy Haul Port Terminal Operations – Richardsbay Coal Terminal Case Study	<i>Alan Waller, CEO, Richardsbay Coal Terminal (RBCT)</i>
09h30-10h00	Journey towards a technology empowered port terminal – Saldanha Port	<i>Andiswa Dlanga, Managing Executive, Transnet Port Terminals</i>
10h00 – 10h30	Panel: Socio-economic challenges and opportunities from Hauling of Bulk Commodities	<i>Panelists to be confirmed</i>
10h30-10h45	<b>TEA / COFFEE</b>	
10h45-11h15	Unlocking the potential of private-public partnerships in the rail sector (a model for successful execution)	<i>Theo Sibiya, Partner &amp; Managing Director, Africa at Kearney</i>
11h15-11h45	Fundamentals and principles of Tarif Pricing for Rail transportation of Bulk Minerals	<i>Matthew Townshend, Senior Economist, Transnet Group Strategy and Planning</i>
11h45-12h45	CEO Think Tank Panel: Fostering effective collaboration amongst key stakeholders	<i>Panelists from Mines, Railways &amp; Ports (To be confirmed)</i>
12h45-13h15	Way forward discussion and Closure	<i>Brian Monakali, Chairman, SAHHA</i>
13h15	<b>CLOSING COCKTAIL LUNCH</b>	

## EXHIBITION

An Exhibition will run concurrently with the SAHHA Conference 2022. This is an ideal opportunity for companies to showcase their latest technology, brand, products and services to the South African Heavy Haul community.

The two Cocktail Functions, Tea/Coffee breaks and lunch will be served in the exhibition hall, thereby ensuring a consistent flow of delegates into the exhibition hall.

## EXHIBITION COSTS

**9m<sup>2</sup> Full Shell Scheme Stand – R 40 000.00**

**9m<sup>2</sup> Exhibition Space Only – R 36 000.00**

### *Full Shell Scheme Package:*

- A 3m wide x 3m deep x 2.4m high Shell Scheme Booth
- Two Exhibitor Registrations per 9m<sup>2</sup> booth purchased
- Company Name on fascia board
- One Plug Power Point
- Two Spot Lights
- Table & two chairs

### *Exhibition Space Only Package:*

- 3m x 3m carpeted exhibition space
- Two Exhibitor Registrations per 9m<sup>2</sup> space purchased
- One Plug Power Point

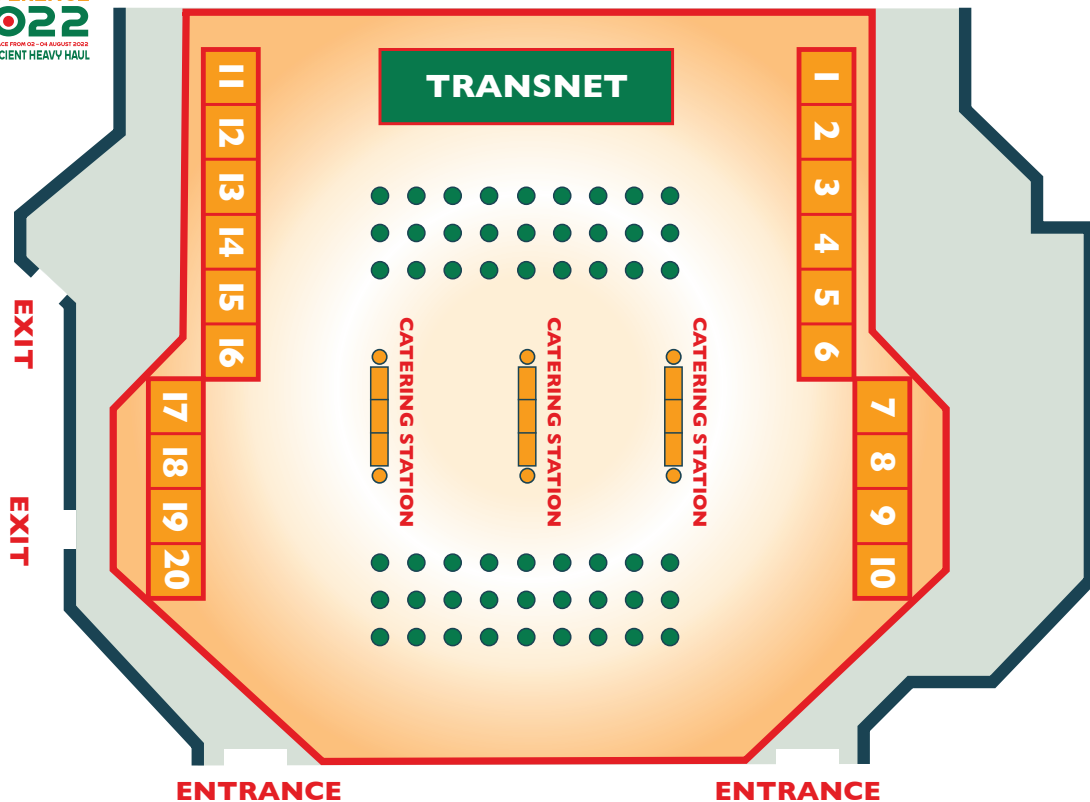
## BOOKING INSTRUCTIONS:

There are a limited number of exhibition stands available. All bookings will be on a first come, first serve basis. To avoid disappointment, we urge you to book now. To book a stand please view the floor plan and complete the Booking Form, indicate your top 3 preferences and then e-mail it to the SAHHA Conference 2022 secretariat. A confirmation letter confirming your allocated booth and tax invoice will be sent upon receipt of your application. A comprehensive Exhibition Manual will be forwarded to all exhibitors before the Conference.

## EXHIBITION FLOOR PLAN



## CONFERENCE FLOOR PLAN



## SPONSORSHIP

There are various sponsorship opportunities & packages available to suite all budgets. Please visit the conference website to view the sponsorship opportunities available or contact the organisers if you wish to receive a Sponsorship & Exhibition Prospectus and to discuss any aspect of the sponsorship or exhibition opportunities.



[www.sahhaconf.co.za](http://www.sahhaconf.co.za)



## ACCOMMODATION

Located in close proximity to OR Tambo International Airport and offering a free shuttle service to and from OR Tambo, Emperors Palace offers a selection of onsite accommodation options to suite different budgets, for delegates attending the SAHHA Conference 2022.

### These include –

- **The Metcourt Hotel – 3 Star**
- **The D'Oreale Grande Hotel – 5 Star**

SAHHA has negotiated special discounted accommodation rates with Emperors Palace for delegates wishing to stay onsite during the SAHHA Conference. These rates are discounted at between 30% - 40% off the rack rate for SAHHA delegates.

For more information and to book accommodation please log onto the conference website and proceed to the Accommodation page.



## CONFERENCE PLANNING COMMITTEE

*Brian Monakali – Chairman, SAHHA*

*Hannes Gräbe*

*Tiisetso Shabangu*

*Paul Bester*

*Pilate Moyo*

*Robert Fröhling*

*Ndleleni Mkhonta*

### CONTACT

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**Registration Enquiries:** [sahha@allevents.co.za](mailto:sahha@allevents.co.za)

**Website:** [www.sahhaconf.co.za](http://www.sahhaconf.co.za)

### CONFERENCE VENUE

Emperors Palace

64 Jones Road, Kempton Park,

Johannesburg, Gauteng, 1619

[www.emperorspalace.co.za](http://www.emperorspalace.co.za)

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