

## IMnI 46th Annual Conference May 31 - June 2, 2022

## South Africa at crossroads: diversified Manganese producer, or China's miner?

The Westin Hotel, Cape Town, Convention Square, Lower Long Street, Cape Town, South Africa

PROGRAM

Monday, May 30	Optional technical visits	registration required
Optional technical visits	Manganese Metal Company (MMC)	only for registered delegates
	Transalloys	only for registered delegates

Tuesday, May 31			Old Harbour Lobby
18:00	20:00	Welcome Cocktail & New Members Ceremony	Sponsored by Kudumane Manganese Resources (Pty) Ltd.
20:00	22:00	IMnI Supervisory Board dinner at Cape Town waterfront	only for IMnI Supervisory Board Members

Wednesday, June 1			Meeting Room: Ballroom West
09:00	09:10	Welcome & Opening Remarks	Patrick Sacco, Managing Director of Assore Int. Holdings & IMnI Chairman
09:10	09:15	Anti-trust reminder	Branislav Klocock, IMnl Vice-Chairman & OFZ Managing Director

Session 1: M	Session 1: Macro-economy		Meeting Room: Ballroom West (Moderator: Alex Puissant)
09:20	09:50	Global macro-economy outlook	Robert Ward, Director of Geoeconomics & Strategy and Japan Chair, International Institute of Strategic Studies (IISS)
09:50	10.20	Prospects for the African economy, with an emphasis on South Africa	Simon Freemantle, Senior Political Economist, Standard Bank Group
10:20	10:40	Networking Break in Old Harbour Lobby	Sponsored by United Manganese of Kalahari (UMK)

Session 2: The potential of Manganese in Lithium-ion batteries			Meeting Room: Ballroom West (Moderator: Alex Puissant)
10:40	11:10	The pros and cons of cathode chemistries for Li-ion batteries	Michael Thackeray, Associate, Argonne National Laboratory (in video)
11:10	11:40	Outlook for Manganese use in batteries	Teboho Sebetlela, Senior Research Analyst, Wood Mackenzie
11:40	12:10	Development of Manganese-rich cathode materials for Lithium-Ion batteries: promise, progress, and critical barriers	Jason R. Croy, Ph.D., Group Leader of Materials Research Group, Argonne National Laboratory (in video)
12:10	13:40	Networking Lunch in Thirty 7 Restaurant	Sponsored by Transalloys (Pty) Ltd.
17:00	19:30	Group Outing - Wine tasting at Cape Point Vineyards	Sponsored by Tshipi é Ntle Manganese Mining
19:30	22:45	Banquet Dinner - Cape Point Vineyards	Sponsored by Assore

Thursday, June 2			Meeting Room: Ballroom West
Session 3: Manganese supply & demand, cost dynamics and trade		ply & demand, cost dynamics and trade	Meeting Room: Ballroom West (Moderator: Alex Puissant)
09:00	09:25	Global steel industry dynamics	Steven Vercammen, Steel Market Research Manager, McKinsey
09:25	09:50	Global Manganese industry overview	Aloys d'Harambure, Executive Director, IMnI
09:50	10:15	Analysis of Manganese cost dynamics	Kevin Fowkes, Managing Consultant, AlloyConsult
10:15	10:40	Manganese market, a South African perspective	Rorie Wilson, Managing Director, Ore & Metal Company
10:40	11:10	Panel discussion on Manganese	Kevin Fowkes (AlloyConsult), Rorie Wilson (Ore & Metal), Steven Vercammen (McKinsey), Aloys d'Harambure (IMnI)
11:10	11:30	Networking Break in the Old Harbour Lobby	Sponsored by United Manganese of Kalahari (UMK)

Session 4: Cł	nallenges & op	portunities for the Manganese industry	Meeting Room: Ballroom West (Moderator: Alex Puissant)
11:30	11:55	Overview of ESG initiatives undertaken at Assmang operations	Rocklin Reed, Senior Manager SHERQ, Assore
11:55	12:20		Bingbing Song, Secretary of the CCC Sub-Committee, International Maritime Organisation (IMO)
12:20	12.42	Recent and upcoming health/safety/environment & regulatory changes for Manganese	Dr. Agnieszka Leopold, HSE & Regulatory Affairs Manager, IMnI
12:45	12:55	Conference wrap-up: Patrick Sacco, IMnI Chairman	
13:00	14:00	Networking Lunch in Thirty 7 Restaurant	Sponsored by South32
	Special Conference Sponsors: Autlán and Cigroup		

14:45	15:15	Transfer from Westin Hotel to Cape Town airport	only for delegates registered for the Manganese mines visit
Friday, June	3	Optional technical visits	registration required
Optional technical visits of South32 Mamatwan + UMK + Tshipi + Kudumane + Assmang		South32 Mamatwan + UMK + Tshipi + Kudumane + Assmang	only for delegates registered for the Mangapage minos visit
7 Mangan	ese mines	Nchwaning & Gloria + Kalagadi mine & sinter plant	only for delegates registered for the Manganese mines visit