MHSC
Mine Health and Safety Council

PROGRAMME

MINE HEALTH AND SAFETY (MHS) RESEARCH INDABA WORKSHOP

DATE: 30 October 2026 | **TIME:** 08:30-16:00 | **VENUE:** Misty Hills Country Hotel, Muldersdrift

MINE SAFETY: FALLS OF GROUND, TRANSPORT MACHINERY SYSTEMS AND PEOPLE AND ORGANISATION RELATED FACTORS

PROGRAMME DIRECTORS: MR TUMELO MATETA AND MR CHOLOFELO LIKHI

TIME	ITEM	SPEAKER
08:30 – 09:00	Arrival, Tea and Registration	**Delegates**
09:00 – 09:05	Welcome and purpose of the workshop	**Mr. Fleckson Magweregwede** Centre of Excellence Manager, MHSC
09:05 – 09:10	Evacuation procedure	Hotel Representative
09:10 – 09:20	Health and Safety Performance Statistics	**Ms. Nthabiseng Gogela**
09:20 – 09:25	Lest We Forget (Moment of Silence for mineworkers that have lost their lives in the SAMI	**Mr. Anthony Thobela - Organised Labour**
09:25 – 09:35	Human factors impacting Health and Safety in the SAMI	**Ms. Anna Gowera**
09:35 – 10:00	Guidance to the ideation sessions and expectations	**Mr. Silence Ngobeni** Research Determination Specialist
10:00 – 10:10	Questions and Answers Session	**All**
10:10 - 10:30	**Tea Break – Comfort Break**	**All**
10:30 – 10:45	Proactive Health & Safety systems that link health & safety KPI's to all legal appointees, daily, weekly and monthly	**Paul Avenant**
10:45 – 11:00	Men Forum when it comes to GBV, who can they talk too and also women do not want to disclose their pregnancy	**Ntombifuthi Mahlangu**
11:00 – 11:15	Behaviour compliance / Research Gap	**Linda Mahubedu**
11:15 – 11:30	Challenges of fatigue monitors in the mobile machinery	**Lucktion Masigo**
11:30 – 11:45	Effectiveness of pillar support design and safe area declaration procedures in South African underground bord-and-pillar coal mines	**Sibongile Ndzimande**
11:45 – 12:00	Highwall failure	**Thipe Malaka**

MHSC
Mine Health and Safety Council

12:00 – 13:00	**Lunch**	**All**
13:00 – 13:15	Underground mining workers are exposed to various hazards, including ground instability, rockfalls and seismic activity, dust and exposure to hazardous substances, poor ventilation, machinery and equipment-related accidents, fires and occupational health risks	**Micheal Dingaan**
13:15 – 13:30	How do structural telemetry gaps and data ingestion blind spots caused by electrical grid instability compromise the mathematical validity of legacy predictive maintenance models, and what framework is required to ensure absolute production assurance and zero harm under these adversarial conditions?	**Phadi Madingoane**
13:30 – 13:45	Understanding the concerns and fears of surrounding communities when blasting in close proximity to their properties	**Komane Moloto**
13:45 – 14:00	Risk of mining through dolerite sill with extensive burnt coal and gas out burst	**Muziwandile Nhlabathi**
14:00 – 14:15	Fatigue as an under-identified and under-reported occupational health and safety risk in South African mines: what is the true scale of fatigue involvement in mining incidents, and what structural barriers prevent its accurate identification?	**Paseka Mogaseng**
14:15 – 14:30	Discussions on additional research topics, training requirements, and technology development opportunities.	**Delegates**
14:30 – 14:45	Feedback from the ideation session	**Ideation session facilitators**
14:45 – 15:00	Closing remarks	**Fatheela Brovko** Chief Research Operations Officer, MHSC

END OF RESEARCH INDABA AND DEPARTURE