



SAIMM
THE SOUTHERN AFRICAN INSTITUTE
OF MINING AND METALLURGY

SAIMM
Seminar Theatre



Hall 1: Stand B1

Visit our Stand

7 - 11 September 2026

Expo Centre, Nasrec, Johannesburg

PROGRAMME – ELECTRA MINING SAIMM SEMINAR THEATRE

Monday, 7 September 2026 | Future Skills and Careers Day

Youth Development, Apprenticeships, Workforce Readiness

As mining, engineering, and industrial sectors embrace digital transformation, automation, and emerging technologies, the need for a future-ready workforce continues to grow. Future Skills and Careers Day will focus on developing the next generation of professionals through education, apprenticeships, technical training, graduate programmes, and career development initiatives. Attendees will explore the skills required to succeed in a rapidly evolving industry and discover opportunities to build rewarding careers across Southern Africa's mining and engineering sectors.

- 10:00-10:20 The Capability Constraint we can no longer ignore: Rebuilding the Pathway from Education to Competent Professional Practice
G. Lane, Vuuma
- 10:30-10:50 Continued Professional Development
K. Banda, Bio2Watt
- 11:00-11:20 The SAIMM Academy
W. Broodryk, SAIMM Academy Chairperson
- 11:30-11:50 Beyond Compliance: Preparing Future Mining Professionals for the Realities of Industry
T. Graham, Comodex Consultancy, Mine Mentor Exchange Programme

The GSSA Explorers' Pitch Finals

- Welcome and Competition Introduction
- Presentations by the Three Finalist Teams and Judges' Q&A
- Keynote Speaker During Judges' Deliberation
- Judges' Feedback and Winner Announcement
- Prize-Giving with Digger

Wednesday, 9 September 2026 | Sustainability and Energy Day

ESG, Decarbonisation, Renewable Energy, Responsible Mining

As industries respond to climate change, energy security challenges, and increasing stakeholder expectations, Sustainability and Energy Day will showcase practical solutions for building a more sustainable future. Discussions will cover ESG strategies, decarbonisation pathways, renewable energy integration, water stewardship, environmental management, and responsible mining practices. The programme will highlight how Southern African organisations are balancing economic growth with environmental and social responsibility.

- 10:00-10:20 Water Is Not Free How Mechanical Flow Control Closes the Loop on Mining's Hidden Carbon Liability
P. Telle, Ultra Control Valves
- 10:30-10:50 Managing tax and fiscal risk in mining, from compliance to strategic advantage,
R. Naidoo, Latita Africa
- 11:00-11:20 Snakes & Hazards – Dynamic Risk Assessment in Practice,
C. Bierman, Straight6
- 11:30-11:50 Heavy Metals in Water: Why Continuous Monitoring Matters—And How Photonics Is Changing the Game,
R. Bernert, SEIBOLD Wasser Analysatorenfabrik GmbH
- 12:00-12:20 Damsak® Reservoirs supports sustainable operations,
D. Bredenkamp, Professor Gordon Bredenkamp
- 12:30-12:50 Lunch
- 13:00-13:20 Responsible Pump Selection as a Practical Driver of Sustainable Mining,
C.C. Rothman, K. De Jonge, Pump & Abrasion Technologies
- 13:30-13:50 Decarbonisation is reshaping the future of industrial competitiveness,
T. Ndlovu, E. Wessels, RS South Africa
- 14:00-14:20 From Electrification to Intelligence: Accelerating Sustainable Mining Through Technology,
C.W. Marais, ABB
- 14:30-14:50 AI can support decarbonisation and responsible mining through better day-to-day operational decision-making,
V. Svintsov, OES Ventures



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Thursday, 10 September 2026 | Women in Mining and Engineering Day

Leadership Development, Mentorship, Career Pathways

Women in Mining and Engineering Day celebrates the achievements, leadership, and growing influence of women across technical industries. The programme will focus on mentorship, professional growth, succession planning, and creating opportunities for future leaders. Through inspiring presentations and discussions, attendees will gain valuable insights into fostering diverse, inclusive workplaces while supporting career advancement and leadership development throughout the mining and engineering value chain.

- 10:00-10:20 **Am I Doing It Again? Recognising the Patterns That Shape Our Careers** SAIMM Gender Equity Alliance, Z. Fakhraei, SAIMM Gender Equity Alliance Committee
- 10:30-10:50 **Take control from screen scrolls: Women in Engineering for Leadership development, mentorship and career pathways using non- scrolling platforms,** M. Bezuidenhout, Fraser McGill
- 11:00-11:20 **More than a mentor: Mentorship, exploration and finding your path in mining,** T.Graham, Comodex Consultancy, Mine Mentor Exchange Programme
- 11:30-11:50 **From qualification to influence: Building career pathways through mentorship, technical excellence and intentional leadership,** J. Mvita, SAIMM Young Professionals, Council
- 12:00-13:00 **Lunch**
- 13:00-13:20 **Culture as a safety variable: Longitudinal engagement data from the mining sector,** M. Otto, Motto Business Consulting
- 13:30-13:50 **From initiative to operating discipline – how women leaders can keep transformation alive,** J. van der Walt, Umtali strategy
- 14:00-14:20 **Leadership development** C. Naidoo, Kailash Mining Solutions
- 14:30-14:50 **Enriching young minds: Shaping the next generation of mining leaders** K. Mathivha, Women in mining, University of Johannesburg UJWiM

Friday, 11 September 2026 | South Africa Day

Local Manufacturing, South African Innovation, Supplier Development

South Africa Day will showcase the innovation, expertise, and industrial capabilities that continue to drive the country's mining and engineering sectors. Presentations will highlight locally developed technologies, manufacturing excellence, supplier development initiatives, and opportunities to strengthen domestic value chains. Attendees will gain insight into how collaboration between industry, government, research institutions, and entrepreneurs can support economic growth, job creation, and global competitiveness for South African businesses.

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| 09:45-10:00 | The importance of local manufacturing and its positive impact on uplifting the local communities and providing much needed jobs and hope in South Africa, A. Mysell, Dromax | 13:00-13:20 | Minestarter and electrical protection techniques for mining industries, W. Olivier, JTMEC |
| 10:00-10:20 | AKS Lining Systems is a locally based manufacturer of various thermos plastic (HDPE) lining systems, K. Wentzel, AKS Lining Systems | 13:30-13:50 | From fibre to foresight: South African innovation in conveyor condition monitoring, Y. Hleta, Position NXT |
| 10:30-10:50 | Using digital twins to reshape south african innovation in mining, S. Heyns, University of Pretoria | 14:30-14:50 | Industry 4.0 - Homegrown industrial wireless edge solutions with global reach D. Naude, Baker Hughes |
| 11:00-11:20 | Digitalising outbound mineral logistics in africa: offline-first material tracking, automated settlement and end-to-end traceability, B. Hart, Metal Management Solutions | | |
| 11:30-11:50 | A new technology to take mining innovation in mechanisation to a new level, A Macfarlane, A. Macfarlane, Rockeater | | |
| 12:00-12:20 | Minds at the Coalface: Longitudinal Engagement data from the mining sector what twenty years of engagement data reveals about thinking innovation, and the permission gap in african mining, M. Otto, Motto Business Consulting | | |
| 12:30-12:50 | From Dispatch to Settlement: An Integrated, offline-first system for outbound mineral logistics, B. Hart, Metal Management | | |