

Langer Heinrich Uranium

Harmony Gold mining company – South Uranium
plant, ion-exchange plant

18 August 2026 – Workshop
19-20 August 2026 – Conference
21 August 2026 – Technical Visit

ECSA and SACNASP Validated CPD Activity Credits = 0.1 per hour attended



URANIUM CONFERENCE 2026 – PRELIM PROGRAMME

Workshop – Tuesday, 18 August 2026

The workshop is separately bookable from the conference



Modelling with Cycad Process®

Facilitated by Nicholas du Preez, CM Solutions

- 08:00-08:30 Registration and Early Morning Refreshments
- 08:30 Workshop Starts
- 10:30-10:50 Mid-Morning Refreshments
- 11:50-12:30 Workshop Continues
- 12:30-13:30 Lunch
- 13:30-15:00 Workshop Continues
- 15:00-15:20 Afternoon Refreshments
- 15:20-16:30 Workshop Continues
- 16:30 Workshop Ends

- 17:00-19:00 Welcome Networking Cocktail Function and Early Registration sponsored by Wood
This is opened for all delegates, sponsors and exhibitors

wood.

Conference Day 1 – Wednesday, 19 August 2026

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| <ul style="list-style-type: none"> 07:30 – 08:30 Registration Opens & Early Morning Refreshments 08:30 – 08:35 Safety Briefing
Venue Official 08:35-08:45 Welcome and Opening by Conference Chairperson
J van Deventer, Ecolab Purolite Resins, South Africa 08:45 – 09:00 SAIMM Presidential Address Session 1: 09:30 – 10:00 Keynote Address: Uranium and nuclear energy, an overview
P van Staden, Wood, South Africa 10:00 – 10:20 The invisible challenge? Considering radioactivity and NORMs in underground mine
planning for Critical Raw Materials and REEs
L Schaarschmidt, TU Bergakademie Freiberg, Germany 10:20-10:40 Comparison of diluent characteristics on the solvent extraction of uranium with a
tertiary amine extractant
K C Sole, K Harkema, University of Pretoria, South Africa 10:40-11:10 Mid-Morning Refreshments Session 2: 11:10-11:30 Management of iron level in yellow cake during uranium processing
M Ramabulana, O Bazhko, Mintek, South Africa 11:30-11:50 Heap leaching as a low-cost process route for uranium ores
S Mxinwa, S W Robertson, M Ramabulana, V Govender, A Kotsiopoulos, Mintek,
South Africa 11:50-12:10 Application of RIP in Alkaline Uranium Leaching Process of Carnotite Ores
C Bornheim, Wood, South Africa 12:10 -12:30 Design Philosophy and Venturi Scrubber Evolution for High-Particulate Uranium
Calciner Off-Gas Systems
L de Witt, T Post, About Air Pollution, South Africa 12:30-13:30 Lunch Session 3: 13:30-13:50 Operational optimisation of uranium milling using process modelling
J Adams, L Lei, Hatch Ltd, Canada 13:50-14:10 The technical and economic feasibility of replacing pyrolusite with hydrogen
peroxide in the oxidative leaching of a uranium ore from Namibia
W A Ngobeni, D Verwey, BME Metallurgy, South Africa | <ul style="list-style-type: none"> 14:10-14:30 Purification of the nanofiltration product using magnesium oxide to remove iron
and other impurities from the Namibian operation
W A Ngobeni, D Verwey, BME Metallurgy, South Africa 14:30-14:50 Transforming uranium hydrometallurgy: reagent recovery and operational expenditure
optimisation through nanofiltration
L Bartel, Memcon, South Africa 14:50-15:10 Afternoon Refreshments Session 4: 15:10-15:30 Trade-offs Between Settling Rate and Turbidity in Uranium Processing: A Case for
Circuit-Specific Flocculant Design
N J Shackleton1*, D Prinsloo1, M Borothe2, G Van Der Merwe3, S Siguqa1,
S Engelkbrecht1, 1 AECI Mining Chemicals, South Africa, 2 AECI Mining Chemicals,
South Africa, 3 AECI Mining Chemicals, Namibia 15:30-15:50 Practical Water and Reagent Optimisation in Alkaline Uranium Processing at Langer
Heinrich Using a Process Digital Twin
C Shifotoka, Langer Heinrich Uranium, Namibia 15:50-16:10 Effective Utilisation Is Not an Assumption: Linking Haul-Truck Productivity, Support
Equipment, Manpower Structure and Fleet Capital Outlay at Prefeasibility Stage
P A. Aluvilu,1* and P T. Udjombala2, , CNNC Rössing Uranium Limited,
Swakopmund, Namibia 16:10-16:30 Optimizing ventilation systems in deep nickel mines: A scoping review
T P Togara, University of the Witwatersrand, South Africa 16:30 End of Day 1 16:30-17:30 Time at Leisure 17:30-17:45 Delegates to meet outside the hotel's main reception for departure to the dinner venue 18:00-20:30 Conference Dinner @ The Reef 20:30-21:00 Buses depart from The Reef back to the conference venue |
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URANIUM CONFERENCE 2026 – PRELIM PROGRAMME

Conference Day 2 - Thursday, 20 August 2026

07:30 – 08:30 Registration Opens & Early Morning Refreshments

08:30 – 08:35 Safety Briefing
Venue Official

08:35-08:40 Welcome and Recap by Conference Chairperson
J van Deventer, Ecolab Purolite Resins, South Africa

Session 5:

08:40 – 09:10 Keynote Address: Overview on the Development of the Jordan Uranium Project
M Al-Shannag, Jordan Uranium Mining Company, Jordan

09:10-09:30 From Single-Parameter to Multivariable Sorting: Full-Spectrum XRF for Uranium
Pre-concentration and Mineralogical Control
N Odier, A Fouchee, Rados International, South Africa

09:30-09:50 Integrated process development for uranium yellowcake production from Central
Jordan low-grade deposits
M Alnaief, M Al-Shannag, Jordan Uranium Mining Company, Jordan

09:50-10:10 Rethinking flocculant preparation: a techno-economic comparison of conventional batch
vs continuous modular systems
S Burelli, C M Kloppe, T Marcus, ProProcess Engineering (Pty) Ltd, South Africa

10:10-10:30 Case Study: Innovative control strategies for scaling process water in uranium operations
S Mhlongo, Solenis LLC, South Africa

10:30-10:50 Mid-Morning Refreshments

Session 6:

10:50-11:10 Recovery of Uranium from Bra Uranium Deposits by Nitric Acid Leaching
M ARaji, D J van der Westhuizen, S O Raji, A A Baba, Hydrometallurgy Group,
Chemical Resource Beneficiation, North-West University, South Africa

11:10-11:30 Techno-economic Drivers in Uranium Processing: A Case-Based Framework for
Optimal Flowsheet Selection
A Naidoo, V E Coetzee, DRA Global, South Africa

11:30-11:50 Secondary uranium mineralisation in Tumas East, Erongo Region, Namibia
R G Viring, Consulting Geologist / Exploration Manager, South Africa

11:50-12:10 Designing uranium heap leach circuits with limited test work availability: A
modelling-focussed approach
S van Huyssteen, N B Du Preez, CM Solutions, MetLab, South Africa

12:10-12:30 Sulphuric Acid - A Commodity in Conflict
F Gordon, Acuity Commodities, United Kingdom

12:30-13:30 Lunch

Session 7:

13:30-13:50 The Dasa Uranium Project (Part 1): Discovery, Geology, Mine Development, and
Infrastructure in the Tim Merso Basin, Niger
S G Roman, S Faucher, Global Atomic Corporation, Canada

13:50-14:10 The Dasa Uranium Project (Part 2): High Solids Pug Leaching, Metallurgical
Testwork, and Hydrometallurgical Plant Design
S Faucher, S G Roman; A Stammitti, Insight R&D Inc, Global Atomic Corporation,
Canada

14:10-14:30 Assessment of Thermal Comfort and Breathability performance of disposable
protective apparel for African Uranium Mining and Processing environments
A Maharaj, Du Pont, South Africa

14:30-14:50 Afternoon Refreshments

Session 8:

14:50-15:10 Beyond Grade: Structural Geology and rock mass characteristics as a First-Order
Control on Life-of-Mine Value
G. Ockhuizen, 1 CGNPC Swakop Uranium, Swakopmund, Namibia
2 Witwatersrand University, Johannesburg, South Africa

15:10-15:40 Interactive Audience Dialogue
Facilitated by Greg Cochran, Australia

15:50 End of Day 2 and Close of Conference