

Global Best Practices in Thickener and Dewatering Operations for Low-Grade and Complex Deposits

Introduce advanced solutions to improve thickener and filtration efficiencies amid changing ores

Date: 24-25 June 2026

Venue: 54 on Bath, Rosebank, Johannesburg



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



PROGRAMME

Day 1: Opening- Wednesday 24 June 2026

- 08:00–09:00 **Registration and Early Morning Refreshments**
- 09:05–09:05 **Safety Briefing**
Venue Official
- 09:05–09:15 **Wecome and Opening Address**
J. Jacobs, Enprotec
- 09:15–09:30 **SAIMM Presidential Address**
G. Lane, Vuuma
- 09:30–10:00 **Keynote Addres: From Challenge to Competitive Advantage: Adopting Global Best Practices in Dewatering and Filtration – A Coal Processing Roadmap**
M. Lombard, Thungela

Day 1: Session 1 - Introduction to Dewatering Systems & Factors Impacting Operational Performances

- 10:00–10:30 **Overview of the Dewatering Continuum & Landscape**
L. Louw, Enprotec
- 10:30–11:00 **Filtration & Dewatering Case Studies**
A. Kirk, Enprotec
- 11:00–11:20 **Mid-Morning Refreshments**

Day 1: Session 2 - Filtration & Dewatering Design Considerations

- 11:20–12:50 **Design Considerations: Thickener Operations**
FC. Russouw, Enprotec
- 11:50–12:20 **Overview of Challenges Affecting Thickening & Dewatering System Performance**
S. Mhlongo, Solenis
- 12:20–12:50 **Filtration Theory & Design Considerations**
G. Maré, Enprotec
- 12:50–13:00 **Company Sponsor**
R. Reyneke, Solenis
- 13:00–14:00 **Lunch**

Day 1: Session 3 - Process System Modelling & Mechanical Design

- 14:00–14:30 **Material Characterisation & Test Work: Thickening & Filtration**
A. Lourens, Enprotec
- 14:30–15:00 **Dewatering Process Modelling & Simulation**
T. Loftus, Enprotec
- 15:00–15:20 **Afternoon Refreshments**

Day 1: Session 4 - Best Practices in Thickener Operations

- 15:20–15:50 **Optimising Solid-Liquid Separation in Thickener Systems with Flocculants & Coagulants**
K. Tshenye, Solenis
- 16:20–16:50 **Optimising Thickener Performance with Alcotech**
J. Mortimer Veevers, Solenis
- 16:50–19:00 **Networking Cocktail Function sponsored by**
T. Loftus, Enprotec



Day 2: Opening-Thursday 25 June 2026

- 08:00–09:00 **Registration and Early Morning Refreshments**
- 09:05–09:05 **Safety Briefing**
Venue Official
- 09:05–09:15 **Wecome and Opening Address**
T. Mateyo, Solenis
- 09:30–10:00 **Keynote Addres: Tailings Properties and Dewatering Behaviour**
A. Vietti, Vietti Slurrytec

Day 2: Session 1- Innovations in Process Operations & System Performance

- 09:45–10:15 **Impact of Process Deposits & Scaling on Thickener Operations**
A. Addy-Lamptey, Solenis
- 10:15–10:45 **Process Scaling Management using Antiscalents & Onguard**
E. Russo, Solenis
- 10:45–11:15 **Enhancing Process Efficiency with Praestospeed**
J. Mortimer Veevers, Solenis
- 11:15–11:35 **Mid-Morning Refreshments**

Day 2: Session 2 - Innovations in Process Operations & System Performance

- 11:35–12:05 **Operational & Maintenance Considerations**
W. Klopper, Enprotec
- 12:05–12:35 **Filtration – A Systems Design Approach**
M. van Rooyen, Enprotec
- 12:35–12:45 **Company Sponsor**
J. van Rooijen, Enprotec
- 12:45–14:00 **Lunch**

Day 2: Session 3 - Dewatering Case Studies, Operations & Maintenance Considerations

- 14:00–14:30 **Chemically Improving Dewatering Performance with Filter Aids & Coagulants**
K. Tshenye, Solenis
- 14:30–15:00 **Adressing Rheological Challenges Affecting Thickener Performance**
T. Mateyo, Solenis
- 15:00–15:20 **Close of Seminar & Afternoon Refreshments**