

Final Programme – 7th Sulphur and Sulphuric Acid 2019 Conference

10 March 2019

16:00–18:00 **Welcome Cocktail and Registration**

Day 1 – Monday, 11 March 2019

07:30–08:30 **Early Morning Refreshments and Registration**

08:30–08:35 **Chairperson's Welcome Address**
T. Claassens, *Outotec, South Africa*

08:35–08:40 **Emergency procedures presentation**

08:40–08:55 **SAIMM Presidential Opening Address**
A. Macfarlane, *President, SAIMM*

Session 1 **Commercial, global and regional views**

Session Chair: C. Cassells, *Begg Cousland*

08:55–09:35 **Keynote Address**
Z. Kasete, *Chairman of the Namibian Chamber of Mines*

09:35–09:55 **Global overview of copper and cobalt metal markets**
P. Sparks, *Argus Metals International, United Kingdom*

09:55–10:15 **Global sulphuric and sulphuric acid outlook – Acuity Commodities**
F. Gordon, *Acuity Commodities, United Kingdom*

10:15–10:35 **Sulphuric acid – a tidal wave or a ripple?**
S. Sackett, *Trade Corp Ventures, South Africa*

10:35–10:45 **Sponsor Presentation: Begg Cousland**

10:45–11:10 **Mid-Morning Refreshments**

Session 2 **New technology and improvements**

Session Chair: A.J. Kelly, *Chemical Initiatives*

11:10–11:30 **Acid plant construction and commissioning**
L. Gang, *Swakop Uranium, Namibia*

11:30–11:50 **Mutoshi / modular acid plant**
S. Bräuner, *Outotec, Germany*

11:50–12:10 **Recent improvements and developments on Haldor Topsøe's WSA technology**
H. Rosenberg, *Haldor Topsøe A/S, Denmark*

12:10–13:10 **Lunch**

13:10–13:20 **Sponsor Presentation: Chemical Initiatives**

13:20–13:40 **Operational review of Peirce-Smith converter gas cleaning at a complex ore tolling smelter**
M.J. Dannhauser and T.M. Crawford, *Dundee Precious Metals, Namibia*

Session 3 **New technology and improvements**

Session Chair: S. Sackett, *Trade Corp*

13:40–14:00 **The modular CORE-SO₂TM sulfuric acid plant**
R. Dijkstra and H. Lee, *Chemetics Inc., Canada*

14:00–14:20 **Modular skid production for sulphur melting and purification plants**
J. Hermans, *Sulphurnet, The Netherlands*

14:20–14:30 **Day 1 conference closure**

14:30–15:00 **Afternoon Refreshments**

19:00 **Meet in the hotel foyer for transport to dinner venue**

19:10 **Transport departs from hotel**

20:00 **Arrive at the dinner venue**

22:30 **Transport returns to Swakopmund Hotel**

Day 2 – Tuesday, 12 March 2019

08:00–08:30 **Early Morning Refreshments and Registration**

08:30–08:45 **Chairperson's Welcome**
T. Claassens, *Outotec, South Africa*

08:45–08:55 **Emergency procedures presentation**

Session 4 **Transport**

Session Chair: H. Rosenberg, *Haldor Topsøe A/S*

08:55–09:35 **Keynote Address: Acid transportation emergency response plans in Namibia**
B. Kruger, *Dundee Precious Metals, Namibia*

09:35–09:55 **Safe and responsible distribution of sulphuric acid in the SADC region**
S. Green and F. Schultz, *Protea Mining Chemicals, Namibia*

09:55–10:15 **Transportation into Africa – An acid test**
P. Scharneck and R. Sterley, *OneLogix United Bulk, South Africa*

10:15–10:25 **Sponsor Presentation: Outotec**

10:25–10:45 **Mid-Morning Refreshments**

Session 5 **Plant optimisation**

Session Chair: B. Kruger, *Dundee Precious Metals*

10:45–11:05 **Choosing the right drying tower mist elimination solution**
M. Dean, *Begg Cousland Envirotec Limited, United Kingdom*

11:05–11:25 **Four years of sulphuric acid plant operation at Dundee Precious Metals Tsumeb**
K. Kamonde, B. Tsause, E. Beyleveld, and O. Engelbrecht, *Dundee Precious Metals, Namibia*

11:25–11:45 **Sulphuric Acid emission reduction principals (due to new 2020 emission legislation)**
S. Bräuner, *Outotec, Germany*

11:45–12:05 **Achieving optimal plant performance with catalyst technical service**
C. Frandsen, *Haldor Topsøe A/S, Denmark*

12:05–13:05 **Lunch**

13:05–13:15 **Sponsor Presentation: Protea Chemicals**

Session 6 **Plant optimisation**

Session Chair: N. Bekker, *Protea Mining Chemicals*

13:15–13:35 **Unique solutions to reduce SO₂ emissions**
F. Jennes, *MECS, Namibia*

13:35–13:55 **Wet gas cleaning plant: state of the art and integration to new or existing sulphuric acid plants**
H. Lee and R. Dijkstra, *Chemetics Inc. Canada*

13:55–14:30 **Afternoon Refreshments**

14:30–14:50 **Using alloys and design to reduce lifecycle costs**
T. van der Walt, *MECS, Namibia*

14:50–15:10 **Auto drain mist eliminators**
J. Hanekom, *MECS, Namibia*

15:10–15:15 **Conference closure**

Day 3 – Wednesday, 13 March 2019

Technical Visit: Swakop Uranium

09:00–09:45 **Depart for Husab Mine**

10:00–10:05 **Arrival on site**

13:00–14:00 **Depart for Swakopmund**