

Preliminary 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 metals overview**
P. Sparks, *Argus Media, United Kingdom*

09:55–10:15 **Global sulphur outlook**
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:

11:10–11:30 **Acid plant construction and commissioning**
Li 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 Topsoe'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, T.M. Crawford, and H. Friedrich, *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**
H. Lee and R. Dijkstra, *Chemitics Inc., Canada*

14:20–14:40 **Modular skid production of sulphur melting and purification plants**
J. Hermans, *Sulphurmet, The Netherlands*

14:40–14:50 **Day 1 conference closure**

14:50–15:15 **Afternoon Refreshments**

18:30–19:00 **Conference dinner transport departs**

19:30–22:00 **Conference dinner**

22:15 **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: What is in place in Namibia for acid transportation emergency response**
B Kruger, *Dundee Precious Metals*

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

09:55–10:15 **The challenges faced by transporting acid cross border in to Africa**
R. Sterley, *OneLogix, 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 **Three years of sulphuric acid plant operation at Dundee Precious Metals Tsumeb**
K. Kamonde and B. Tsauses, *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 **Achieve optimal plant performance with catalyst technical service**
C. Fransden, *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 solution 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, *Chemitics Inc. Canada*

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

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

14:50–15:10 **Auto drain 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**