

6th Sulphur and Sulphuric Acid Conference Preliminary Programme 9–11 May 2017

Tuesday, 9th May 2017

17:00–19:00 Pre-registration and welcome cocktail

Day 1 – Wednesday, 10th May 2017

07:30–08:30 **Early morning refreshments and registration**

08:30–08:35 **Chairperson's Welcoming Address**
T. Claassens, *Outotec*

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

08:40–08:55 **Opening Address**
C. Musingwini, *President, SAIMM*

Session 1

08:55–09:35 **Keynote Address: Global sulphur and sulphuric acid outlook**
F. Gordon, *Acuity Commodities, South Africa*

09:35–10:15 **Keynote Address**
B. Malherbe, *South Africa*

10:15–10:40 **Mid-morning refreshments**

10:40–10:50 **Sponsor Presentation**
Haldor Topsoe

Session 2

10:50–11:15 **Where has all the acid gone?**
S. Sackett, *Trade Corp Chemicals, South Africa*

11:15–11:40 **Tenke Fungurume Mining – an update**
H. Lee and J. Wellington, *Chemetics Inc. Tenke Fungurume Mining, Canada*

11:40–11:50 **Sponsor Presentation – Chemical Initiatives**

Session 3

11:50–12:15 **Improving the margin vs. declining ore grades**
Mohsler, Scherer, Bräuner, *Outotec, Germany*

12:15–12:40 **Protect your catalyst by improving your sulphur filtration process**
J. Hermans, *Sulphurnet, Netherlands*

12:40–12:50 **Sponsor Presentation**
MECS

12:50–13:50 **Lunch**

Session 4

13:50–14:15 **Plant optimization and troubleshooting**
J. Hanekom, *DuPont, France*

14:15–14:40 **Fibre reinforced plastic in sulphuric acid plants**
M. Fouché, *Anglo American, South Africa*

14:40–15:05 **Afternoon refreshments**

15:05–15:30 **Water is scarce: cooling water concepts**
Mohsler, Scherer, S Bräuner, *Outotec, Germany*

15:30–15:35 **Process critical equipment – improved reliable sulphur furnace performance**
T. van der Walt, *DuPont MECS, Belgium*

15:35–16:00 **Day 1 Closing**

19h00–22h00 **Cocktail Dinner and Entertainment**

Day 2 – Thursday, 11th May 2017

08:00–08:30 **Early morning refreshments and registration**

08:30–08:35 **Chairperson's Welcome Address**

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

Session 5

08:40–09:20 **Keynote Address: National atmospheric emission inventory system**
P. Gwaze, *Department of Environmental Affairs, South Africa*

09:20–10:00 **Changes in upcoming legislation, why responsible care is a good initiative**
D. Penfold, *CAIA, South Africa*

10:00–10:25 **Two years of operation for Kansanshi's sulphuric acid plant**
B. Mumba*, D. Louie†, and P. Ng'ombi† *First Quantum Minerals Ltd, Zambia* and DKL Engineering Inc., Canada†*

10:25–10:50 **SO₂ emissions reduction options**
F. Jennes, *DuPont Clean Technologies, France*

10:50–11:15 **Mid-morning refreshments**

11:15–11:25 **Sponsor Presentation**
Outotec

Session 6

11:25–11:50 **Leaching of Cu – Co from Gecamines smelter slag using aqueous sulphur dioxide**
E. Tshibwabwa, *The University of the Witwatersrand, South Africa*

11:50–12:15 **Economic abatement of high strength SO₂ off-gas from smelter**
R. Dijkstra, *Chemetics Inc., Canada*

12:15–12:40 **Impala Platinum smelter facility off-gas processing**
J.I. Ramsay* and F. Jennes†, *Lesedi Nuclear Services Ltd*, South Africa, DuPont MECS, Belgium†*

12:40–13:05 **Lunch**

13:05–13:15 **Sponsor Presentation**
Clark Solutions

13:15–13:40 **Best practices for weir pump repairs**
R. Stanfill, *Weir Minerals Lewis Pumps*

Session 7

13:40–14:05 **Potassium silicate concretes in sulphuric acid environments at ambient and low temperature in South Africa**
J.D. Hancock, B. Hancock, J.C. Hancock, W.M. Hancock, and J. Hards, *CH Laboratories, South Africa*

14:05–14:30 **Finding the root cause of acid carryover**
V.A. Sturm, B.B. Ferraro, M.D. Montani, and N.P. Clark, *Clark Solutions, Brazil*

14:30–15:00 **Afternoon refreshments conference close**