BACKGROUND
The production of SO₂ and sulphuric acid remains a pertinent topic in the Southern African mining and metallurgical industry, especially in view of the strong demand for, and increasing prices of, vital base metals such as cobalt and copper.

The electric car revolution is well underway and demand for cobalt is rocketing. New sulphuric acid plants are being built, comprising both smelters and sulphur burners, as the demand for metals increases. However, these projects take time to plan and construct, and in the interim sulphuric acid is being sourced from far afield, sometimes more than 2000 km away from the place that it is required.

The need for sulphuric acid ‘sinks’ such as phosphate fertilizer plants is also becoming apparent.

All of the above factors create both opportunities and issues and supply chain challenges. To ensure that you stay abreast of developments in the industry, the Southern African Institute of Mining and Metallurgy invites you to participate in a conference on the production, utilization, and conversion of sulphur, sulphuric acid, and SO₂ abatement in metallurgical and other processes, to be held in March 2019 in Namibia.

OBJECTIVES
> To expose delegates to issues relating to the generation and handling of sulphur, sulphuric acid, and SO₂ abatement in the metallurgical and other industries.
> Provide an opportunity to producers and consumers of sulphur and sulphuric acid and related products to be introduced to new technologies and equipment in the field.
> Enable participants to share information about and experience in the application of such technologies.
> Provide an opportunity for role players in the industry to discuss common problems and their solutions.

WHO SHOULD ATTEND
The Conference will be of value to:
> Metallurgical and chemical engineers working in the minerals and metals processing and chemical industries
> Metallurgical/chemical/plant management
> Project managers
> Research and development personnel
> Academics and students
> Technology providers and engineering firms
> Equipment and system providers
> Relevant legislators
> Environmentalists
> Consultants

EXHIBITION/SPONSORSHIP
There are a number of sponsorship opportunities available. Companies wishing to sponsor or exhibit should contact the Conference Co-ordinator.
CALL FOR PAPERS, EXTENDED ABSTRACTS OR PRESENTATIONS

Extended abstracts or presentations are invited on any aspect relating to the Conference, and the following categories will be given preference:

**Topics**

- Operator feedback and concerns
- Technology, components and equipment
- Safety, health, environment and quality
- Market: Developments and products
- Marketing projections: Forecast
- Sulphuric acid transportation
- Acid spillage containment and emergency response
- Cooling water quality control

Prospective authors are invited to submit titles of their paper, extended abstracts or presentations, in **English**, and to indicate the topic under which the paper should be categorised. The abstracts should be submitted to:

Camielah Jardine: Head of Conferencing
7th Sulphur and Sulphuric Acid 2017 Conference
SAIMM, P.O. Box 61127, Marshalltown 2107, South Africa.
Tel: 27 (11) 834-1273/7 • Facsimile 27 (11) 838-5923 or e-mail: camielah@saimm.co.za

**KEY DATES**

- **3 October 2018** Submission of abstracts (Extended Deadline)
- **31 October 2018** Submission of Papers
- **11–12 March 2019** Conference
- **13 March 2019** Technical Visit

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The Southern African Institute of Mining and Metallurgy
7th Sulphur and Sulphuric Acid 2019 Conference
P.O. Box 61127, Marshalltown, 2107, Tel: 27 11 834-1273/7

The details of this form can be posted to us, or e-mailed camielah@saimm.co.za or faxed to: 27 11 838-5923 / 833-8156

☐ I am interested in attending the Conference
☐ I may be interested in participating in a technical visit
☐ I intend to submit an abstract of the proposed paper, extended abstracts or presentations entitled:

Title of paper: .................................................................

Personal Details: Name .........................................................

Address ...............................................................

Tel: ............................................................. Fax: ............................................................

E.mail: ............................................................................
# 7th Sulphur and Sulphuric Acid 2019 Conference

11–12 March 2019 Conference  
13 March 2019 Technical Visit  
Swakopmund Hotel, Swakopmund, Namibia  

## PERSONAL DETAILS

- **Title**  
- **First Name**  
- **Other Initials**  
- **Surname/Family Name**  
- **Preferred Name** (for use on name badge)  
- **Company**  
- **Designation**  
- **Company VAT Registration** (Compulsory—SA companies)  
- **Order No**  
- **Invoice Address**  
- **Code**  
- **Country**  
- **Tel/Cell:**  
- **Fax:**  
- **E-mail:**  
- **SAIMM Membership No.**  
- **Are you a presenting author?**  
- **Do you require an invitation for visa purposes?**  

Please note: Non-members who have not previously been members of the SAIMM are entitled to free membership up to 30 June 2019, for attending this Conference.

## REGISTRATION FEES — All prices are inclusive of VAT.

<table>
<thead>
<tr>
<th>Early registration fees</th>
<th>Registration fees</th>
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<tbody>
<tr>
<td>Before 10 December 2018</td>
<td>After 10 December 2018</td>
</tr>
<tr>
<td><strong>Author</strong></td>
<td>R5 000</td>
</tr>
<tr>
<td>SAIMM Members</td>
<td>R9 000</td>
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<tr>
<td>Non Members</td>
<td>R9 600</td>
</tr>
<tr>
<td>Students/Retired Members</td>
<td>R3 500</td>
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**REGISTRATION ONE DAY: R3 500**

Delegates may also attend the conference for ONE day only. Please indicate (✓) which day you will be attending.

- **Conference:** Monday—11 March 2019  
- **Technical Visit: Wednesday 13 March 2019 — R500**

## SOCIAL FUNCTIONS

- **Welcome cocktail party** (Sunday—10 March 2019)  
- **Conference Dinner** (Monday—11 March 2019)  
- **Special requirements** — Please advise of any special requirements for diet, health or physical disabilities.

## PAYMENT DETAILS

Full payment is due on application for registration. Registration will be confirmed ONLY after payment is received. **PROOF OF PAYMENT** with your invoice number reflected must be sent via fax or e-mail to the Conference Co-ordinator.

Delegates who have not paid will not be permitted to attend the conference.

- **Person responsible for Payment Authorisation**  
- **Name:**  
- **Surname:**  
- **Company:**  
- **Designation:**  
- **Tel:**  
- **Email:**  
- **Authorisation Signature:**  
- **Date:**  

Please include payment itemised as follows:

- **Conference registration fee**  
- **Cocktail function (R500 extra guests)**  
- **Conference Dinner (R800 extra guests)**  
- **Technical Visit (R500)**

**TOTAL R**

**Cheques** — Please find enclosed a cheque/money order (in SA Rands) payable to SAIMM or EFT (Electronic Fund Transfer) — Please attach proof of payment

**Credit Cards** — Please debit (✓) for:

- **Visa**
- **Mastercard**
- **American Express**
- **Diners Club**

**Card No.**

**CVV authorisation (last 3 or 4 digits on the back of the card)**

**Expire date:**

**Authorisation Signature:**  

Please print name of cardholder:

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**2 ECSA CPD points will be allocated to all attending delegates**
Abstracts Received

What is in place in Namibia for acid transportation emergency response
*Dundee Precious Metals, Namibia*

Using alloys and design to reduce lifecycle costs
*MECS, Namibia*

Auto drain eliminators
*MECS, Namibia*

Unique solution to reduce S0₂ emissions
*MECS, Namibia*

Achieve optimal plant performance with catalyst technical service
*Halfdor Topsøe, Denmark*

Case Study: Safe and responsible transport of Sulphuric Acid in Namibia and the SADC region
*Protea Chemicals Namibia, Namibia*

Mutoshi / Modular Acid Plant
*Outotec, Germany*

Sulphuric Acid Emission reduction principals (due to new 2020 emission legislation)
*Outotec, Germany*

Integrating new gas cleaning equipment and acid plant with existing smelter operations
*Hatch, Anglo American Platinum, South Africa*

Recent improvements and developments on Topsoe’s WSA technology
*Topsoe, Denmark*

Choosing the right Drying Tower mist elimination solution
*Begg Cousland Envirotec Limited, United Kingdom*

Modular skid production of sulphur melting and purification plants
*Sulphurnet, The Netherlands*

The challenges faced by transporting acid cross border into Africa
*OneLogix, South Africa*

Global sulphur Outlook
*Acuity Commodities, United Kingdom*

Operational Review of Peirce Smith Converter Gas Cleaning at a Complex Ore Tolling Smelter
*Dundee Precious Metals, Namibia*

Safe and responsible transportation of sulphuric acid from source to end-users (Duplication of SA06)
*Protea Mining Chemicals, South Africa*

Acceptance of papers for publication in the SAIMM Journal will be subject to peer review by the Conference Committee and SAIMM Publications Committee post-conference.