

# SOUTHERN AFRICAN COAL PROCESSING SOCIETY

Newsletter  
#03/2017

“Our aim is to provide a forum for the exchange of knowledge related to coal processing by means of meetings, conferences, seminars and colloquia.

## Welcome

Welcome to our third SACPS newsletter. I would like to welcome new members that have joined since our last newsletter. This newsletter is intended to inform all our existing and potential members of events occurring within the society and the coal processing industry as a whole. We welcome your feedback, suggestions, etc for future newsletters. Please fol-



low us on [Twitter](#) and [LinkedIn](#), check

out our [website](#)



and [Facebook](#)

page for up-to-date information on events

and happenings within the society and of course we appreciate feedback and suggestions from all members.



### A message from our Chairman Jayson Jacobs

It is my pleasure to welcome all members. Arrangements are being finalised for our conference which takes place from 21 to 24 August 2017 at Graceland Casino and Conference Centre, Secunda, the final programme is available on our website <http://www.sacoalprep.co.za> and I request you all to

check out the details for the three days, if you have not already done so, please register as soon as possible for the conference to confirm your attendance.

On 27 July 2017 we had our Knowledge Exchange technical seminar where Enelex shared their experience regarding GE 3000 online analysers at South 32, Middelburg and Johan de Korte gave two presentations one on Larcaderms and the other on Coal Processing 101.

It is extremely worthwhile to attend these technical seminars in order to keep up to date with developments within our industry.

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## 50<sup>th</sup> Anniversary of the Southern African Coal Processing Society

A special tribute celebrating 50 years of coal

We are planning a special commemorative book which we would like to invite you all to become part of to celebrate our 50th anniversary in 2018

This high-quality leather-bound coffee table book will trace the history of not only the Southern African Coal Processing but of coal production and beneficiation and the role it has played and still plays within the region.

Some of the topics that have been considered will be:

- The development of the Richards Bay Coal Terminal (RBCT) and the TFR line between Witbank.
- This is a perfect example of a public/private partnership;

- The Coal to Liquid development at SASOL;
- Coal preparation research in South Africa, including developments at the Fuel Research Institute (FRI) of South Africa;
- ESKOM and Coal's role in the development of South Africa;
- The history of the major coal producers in Southern Africa, Exxaro, AngloCoal, Glencore, South32;

- A list of all operational Coal mines within Southern Africa with GPS coordinates, production figures, people and various other interesting facts; and
- Developments within the Waterberg Coal-fields.

The abovementioned represents a sample of the topics we would like to cover in the book.

A mockup of the book will be available for viewing at our conference in Secunda.

For information on advertising within this book, kindly contact Gerda Craddock via email on [gerdac@mineralconcepts.co.za](mailto:gerdac@mineralconcepts.co.za).

If you would like to be involved or require further details, please contact Chantal Meugens [Chantal@cmfreelancing.co.za](mailto:Chantal@cmfreelancing.co.za)



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## Educational News

### North West University

A number of students recently graduated from the university and congratulations to all with their various degrees. These are:

#### **PhD degrees:**

Dr DM Powell - A techno-economic evaluation of the production of hard coking coal from mine discards.

Dr J Viljoen - Single particle impact breakage of coal. \*\* (Supported financially by the SACPS)

#### **Masters degrees:**

C Badenhorst - Primary fragmentation of large coal particles (Cum Laude)

CB Espag - Water transport mechanisms in coal stockpiles (Cum Laude) \*\* (Ms Espag was also the 2016 winner of the SACPS Coal Student of the Year Award)

W Potgieter - The effect of the mode of applied breakage on coal yield (Cum Laude) (Supported by the SACPS)

ES Peters - Adsorbent assisted drying of fine coal (Cum Laude)

D Langner - The dry beneficiation of duff coal in a dense medium fluidised bed.

If you would like more information on the abovementioned students please contact Professor Quentin Campbell or

Marco Le Roux via email at NWU. Their respective email addresses are:

[Quentin.Campbell@nwu.ac.za](mailto:Quentin.Campbell@nwu.ac.za)

[Marco.LeRoux@nwu.ac.za](mailto:Marco.LeRoux@nwu.ac.za)

### CTC Training

50 students have enrolled for the basic course in mineral processing and 23 students out of 30 who started remain in the advanced study school which is a great achievement. CTC will as from 2018 also present the full qualification : National Certificate in mineral processing Level 2. For more information on courses contact Len Bowker via email on [lbowker@ctctraining.co.za](mailto:lbowker@ctctraining.co.za)

## Energy News

An interesting statistic regarding total electricity consumed annually plus imports and minus exports, expressed in kilowatt-hours.

The discrepancy between the amount of electricity generated and/or imported and the amount consumed and/or exported is accounted for as loss in transmission and distribution. Per capita figures expressed per 1 population.

If you are interested to see where South Africa rates [click on this link](#)

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Conference - 22 - 24 August 2017

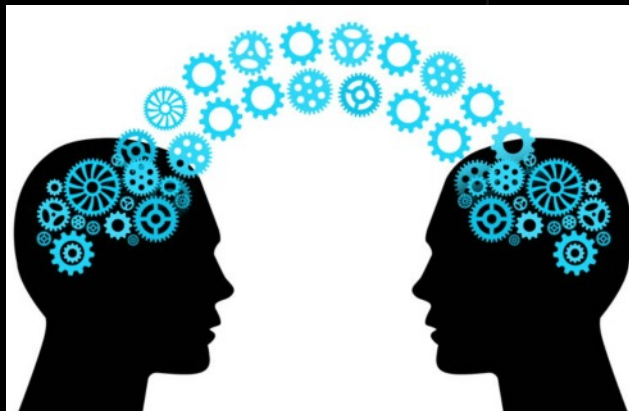
Have you registered yet for the SACPS Conference which takes place from 22 - 24 August 2017 at Graceland Hotel Casino & Country Club? If not, contact Gerda Craddock on +27 11 432 8918 or download the registration form which can be found on our [website](#).

Details of accommodation options are available on our [website](#).

The final programme is also available for downloading off our [website](#).

For sponsorship opportunities, contact Gerda Craddock at [gerdac@mineralconcepts.co.za](mailto:gerdac@mineralconcepts.co.za)

## Knowledge Exchange



One of our aims is to distribute any accumulated funds to support our objectives.

## MAJOR SPONSORS



Copies of the presentations from the July technical seminar can be obtained by contacting Johan de Korte via email on [jdekorte@csir.co.za](mailto:jdekorte@csir.co.za)

### CALL FOR PAPERS

The 17th Australian Coal Preparation Society Conference in Brisbane, Queensland from 11-14 September 2018 "Same Resource – Different World" invites authors to submit abstracts (maximum 500 words) on any aspect of coal preparation and utilisation to their technical committee. More details can be found on our [website](#)

<http://www.sacoalprep.co.za>