

# Newsletter

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## Online Technical Meetings 2021

Until all levels are completely eliminated, the technical meetings will continue to be hosted online via Microsoft Teams.

These meetings will be advertised on all our social media platforms beforehand with a link to the presentations and the presentations will then be saved to our YouTube Channel if you are unable to attend and still wish to view thereafter. The 2021 calendar is on the website so please diarise these dates.



## A message from our chairperson

Greetings to all our SACPS members during these difficult times in our industry, our country and the world. As the chairperson for 2021 and 2022, I would firstly like to introduce myself to those who do not know me. I would like to welcome all our new members that have joined since our last newsletter and we trust that you will find the society beneficial to you and look forward to your inputs, recommendations and continued membership. Remember we exist to serve you, the coal processing industry.

We are faced with a new strain of the COVID virus which is more severe and contagious than the COVID-19 original one. Each day more and more news is circulated regarding the rate of positive Infections as well as death within South Africa. The Delta variant (first detected in India) is 97% more transmissible than the original lineage. COVID-19 vaccines remain highly effective in preventing severe disease after Delta variant infection, with the Pfizer-BioNTech vaccine showing 96% efficacy after two doses. Minimising the spread of the

disease and flattening the curve through compliance with non-pharmaceutical interventions cannot be emphasised enough. We understand that many are suffering from COVID-19 fatigue and becoming relaxed in exercising preventative measures. Vaccinating the majority of the population will take most of 2021 and parts of 2022. Until such time, we need to ensure that we do our part and contain the spread of the virus.

2021 offers us opportunities to do things differently, reinvent ourselves and adapt to the uncertain future. We have to be innovative in how we do things, flexible and adaptive to ensure our survival. We have managed to show our tenacity in the past 9 months, I am confident we WILL overcome this.

Please follow us on Twitter, LinkedIn and Facebook, check out our website, LinkedIn and Facebook page for upto date information on events and happenings within the society and of course we appreciate feedback and suggestions from all members.



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

### Objectives and goals of SACPS

Create forums for the exchange of knowledge related to coal processing by means of technical meetings, conferences, seminars, etc.

To further the education and understanding of coal processing by Society members and industry personnel.

To foster co-operation with appropriate educational institutions and other similar organisations for the furtherance of coal processing knowledge.

To distribute accumulated funds to support the objectives above.

## Awards

We are excited to announce that the coalperson of 2021 is Roy Roche.

Roy matriculated from Northcliff High School with a University Exemption (7 subjects). He studied a BSc Natural Sciences @ Rand Afrikaans University (now UJ) and has also completed numerous Management & Leadership Courses over the years.

His first job was for De Beers Research LABS as a Researcher from 1979 – 1981. Thereafter Roy joined Anglo American Coal Division and was there until 1988. Employed first as a Metallurgical Process Engineer he then reached Assistant Plant Superintendent Level by 1986 @ Goedehoop Colliery.

Roy joined Multotec (Pty) Ltd in 1988 and was appointed Director in Multotec Manufacturing (Pty) Ltd from 2003 to 2007. Thereafter he was appointed Director in Multotec Australia (Pty) Ltd in 2007. He has been part of the Executive Management Team of Multotec (Pty) Ltd from 2003 until now and is a Multotec Pension Fund Trustee from 1995 to 2016 (Converted to Advisory Board) and is a member of the SACPS Committee.

Roy's current position is Vice President Screening Media Global at Multotec.

Roy will formally be awarded the Coal Person of the Year at the next Annual Awards Dinner.



## Local Technical Seminars

To date we have had the following presentations given via the online platform.

January 2021 - Industry Evolution: Why Australians and South Africans process coal differently presented by James Agenbag from Mineral Technologies.

March 2021 - Waste coal to energy, supporting the just energy transition presented by Dale McLean of River Energy South Africa.

May 2021 - Professor Quentin Campbell (NWU) presented on "A review of current dry coal beneficiation techniques".

July 2021 - Twin Mass Kinetic Energy System - Application in the Coal Processing Sector presented by Mrs Zama B. Ndlovu - CEO Basadi Ba Africa Mining Solutions & Les Charles Stolterfoht (Technical Specialist - Llambec Technologies).

Most of these presentations can be viewed on our [Youtube channel](#).

# Obituary - David Michael

Dave Michael was a driving influence in the South African Coal industry, was a member of SACPS for more than 50 years, many of them as a Fellow. He was Chairman in 1994 and 1995, Coal Man of the Year in 2002 and the Chairman of the organizing committee for the ICPC 2002 in Johannesburg.

He was born in Liverpool and moved to nearby Meols, hence he was a lifelong Everton supporter. He was a sports nut, particularly football, rugby and cricket. He studied chemistry at the University of Liverpool and played scrum half for the University first team.

Dave first arrived in South Africa to work for AECI in 1972, then worked for three years at Hwange Colliery before returning to the UK to get married and work in London for four years. He then returned to South Africa and worked for Anglo American Coal Division as a technical trouble shooter.

He joined the fledgling coal division of Rand Mines, first at Douglas / Van Dyks Drif, then as Plant Superintendent at Rietspruit Colliery before moving to Head Office in 1980. During this period, the coal industry in South Africa was entering a massive growth phase. The Transvaal Coal Owners Association (TCOA) was the hub for inland sales, as well as the low ash sales to Japan and RBCT was expanding from 12 million tonnes to 44 million tonnes per annum in 15 years.

This required new mines and new markets, and Dave was fully involved in both elements. The South African coal industry has always been associated with exceptionally strong technical marketing elements, with consistency of export products being a massive marketing edge with a close collaboration between marketing and coal processing. Dave, together with Simon Carves designed and commissioned the Middelburg Mine Services plant in 1983. This plant had numerous innovations, including the first circular stockpile ahead of a South African coal plant. Solid bowl centrifuges were also installed, for use on the thickener underflow, which did not perform as guaranteed, but the currency collapse in the interim ensured that a good profit was made when they were returned. It was little known that the plant had a cyclone high up in the eaves of the plant to test dense medium cyclones on fine coal using an early incarnation of Derrick screens to recover magnetite. Screen cloth life however, was a severe problem at that stage.

Dave was on the Operations Committee of RBCT for many years, through its biggest growth phase, and with others made sure that coal processing was integral to RBCT's development. His chairmanship and committee membership of the SACPS was thus during a period of huge growth for the coal processing industry in general and the SACPS in particular. The training element of the SACPS was developed to incorporate the Advanced Coal Preparation course, the technical evenings were hugely popular and the dinner moved from attendance by 10's then hundreds and ultimately close to a thousand. The success of the IOC in 2002 meant that the Society changed from an amateur organisation to its present form with a secretariat, conference organisational skills and above all positive cashflow!

Dave was made a Managing Director for Randcoal's Duvha, Khutala, Majuba and Rietspruit collieries but left shortly after the merger of Rand Coal and Trans Natal which formed Ingwe Corp. He then worked as a consultant for JCI Projects on the development of their Moatize project, now owned by Vale. A drilling programme, which was devised by Dave and Pat Cochrane including large core boreholes, identified that the coking coal fraction exists only in the small coal fraction and Dave did the initial plant design on that basis.

In his last few years Dave suffered a number of strokes and his health deteriorated dramatically. Dave will be sorely missed by all the people that he worked with, trained and inspired over the years. He is survived by his three children and four grandchildren.



# SA Coal Prep Biennial Conference

The biennial conference will take place at Graceland Casino and Country Club, Secunda from 12 to 14 October 2021. The theme is "Coal Processing and our role in the drive for cleaner coal".

Coal has long been the primary source of energy and remains a key part of power generation. Therefore, it is important to continue to research, develop, and implement newer, more efficient and more environmentally friendly coal processing solutions. Share your expertise in the drive for cleaner coal at our conference which draws attendees from South Africa and abroad. NOTE: The conference will be both physical and online. To register, either email [Gerda Craddock](mailto:Gerda.Craddock@worldcoal.com) or [download](#) the registration form on our website.

Sponsorship opportunities are available. Please contact [Gerda Craddock](mailto:Gerda.Craddock@worldcoal.com) via email to take up any of the remaining sponsorship opportunities.

The topics that will be covered at the conference include:

- New plants and projects
- Dense medium processing
- Upfront crushing techniques and technology
- Fine and ultra-fine coal processing and dewatering
- Dry processing
- Tailings disposal and water management
- Coal processing research

The conference is registered with the Engineering Council of South Africa (ECSA), and is awarded CPD Points.

## International and Local Conference News

### **Coaltrans Asia 2021 - 21 /22 September 2021 (virtual event)**

In these unpredictable market dynamics, expert analysis to guide your business is more important than ever. You'll gain a competitive advantage by focusing on macro overview of the market, as well as the key regions. Visit the link below for more information on this conference.

<https://www.worldcoal.com/events/coaltrans-asia-2021/>

### **SA Coal Prep Conference 2021 - 12 - 14 October 2021**

The SACPS Biennial Conference will be held at Graceland Casino and Country Club, Secunda from 12 to 14 October 2021. The theme is "Coal Processing and our role in the drive for cleaner coal".

### **China Coal & Mining Expo 2021 - 26 - 29 October 2021**

Founded in the 80's, China Coal & Mining Expo (CCME) has become the nation's premier trade event, and has claimed a spot in the worldwide stage for its sector. Held biennially to showcase the latest technology, CCME is recognised as China's most important global window for the coal & mining sector.

<https://www.worldcoal.com/events/china-coal-mining-expo-2021/>

### **IME 2021 - 26 - 29 October 2021**

The 9th Edition of the exhibition 'IME 2021', a prestigious biennial international exhibition focused on mining, equipment, minerals, metals and allied industries in India, is scheduled for 26 – 29 October 2021 at Eco Park, Rajarhat, Kolkata, India, concurrent to a high level 9th Asian Mining Congress organised by MGMI.

<https://www.worldcoal.com/events/ime-2021/>

# International and Local Conference News continued....

## **2021 Coal Association of Canada Conference: Canadian Coal in a Global Marketplace - 30 November - 2 December 2021**

Be a part of the conversation as we explore the benefits that the Canadian coal industry has to offer the world. Canadian coal projects are gaining momentum and with ever-increasing interest in our product, it is important to gather and share our knowledge, opinions and expertise of the sector.

<https://www.worldcoal.com/events/2021-coal-association-of-canada-conference-canadian-coal-in-a-global-marketplace/>

## **Mines and Money London 2021 - 1 - 2 December 2021**

Mines and Money London is Europe's largest mining investment event welcoming investors, mining corporates, and financiers to an event that is business focused, with the core goal of developing and fostering mining investments and deal-making.

<https://www.worldcoal.com/events/mines-and-money-london-2021/>

## **International Mining and Resources Conference (IMARC) 2021/22 - 31 January - 2 February 2022**

The International Mining and Resources Conference (IMARC) is where global mining leaders connect with technology, finance, and the future.

<https://www.worldcoal.com/events/international-mining-and-resources-conference-imarc-2021-2022/>

## **International Conference on Coal Processing and Utilization - March 2022 Istanbul**

Coal Processing and Utilization Conference aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on all aspects of Coal Processing and Utilization Conference. It also provides a premier interdisciplinary platform for researchers, practitioners, and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Coal Processing and Utilization Conference.

<https://waset.org/coal-processing-and-utilization-conference-in-march-2022-in-istanbul>

## **Future of Mining Australia 2021**

Future of Mining Australia will take place in Sydney on the 28th-29th March 2022. The third edition of the Future of Mining Australia covers a vast range of content spanning the entire mining life cycle, focusing on the innovations and technologies driving the industry forward with senior representation from mining companies, service providers, government, finance and research organisations.

Please check out their website via the below mentioned link for more information, topics and registration.

<https://australia.future-of-mining.com/aus/en/page/home>

## **Coal Processing Technology (CoalProTec) Conference & Exhibition - 25 - 27 April 2022**

The Coal Preparation Society of America (CPSA) is bringing back the Coal Processing Technology (CoalProTec) Conference and Exhibition to Lexington, Kentucky, in the April 2022. It will be one of the first events held in the new Central Bank Center.

<https://www.worldcoal.com/events/coal-processing-technology-coalprotec/>

## **International Conference on Coal Processing and Utilization - June 2022 San Francisco**

The Coal Preparation Society of America (CPSA) is bringing back the Coal Processing Technology (CoalProTec) Conference and Exhibition to Lexington, Kentucky, in the April 2022. It will be one of the first events held in the new Central Bank Center.

<https://waset.org/coal-processing-and-utilization-conference-in-june-2022-in-san-francisco>

## **XX International Coal Preparation Conference 2022 - Gold Coast**

This conference will be held on the Gold Coast from 10 – 13 October 2022. To download the flyer please visit our website. More details will be shared at a later date.



Minerals

Our major sponsors for 2021-2022

**SOUTHERN AFRICAN**  
**COAL PROCESSING SOCIETY**



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