



SASTA NEWS

Newsletter of the SA Sugar Technologists' Association

March 2003

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SASTA FIELD TRIP – MAY 2003

SASTA's planned two-day field trip on the 6 and 7 May 2003 to Pongola has had to be cancelled. Only seven people responded positively, and a minimum number of 40 were required to make the trip cost-effective.

An alternative field trip may be organised later on in the year.

Constitutional Changes

SASTA Council have proposed a number of changes to the Constitution. In order to discuss the proposals and effect any amendments, a Special General Meeting will be held later in the year. All members are eligible to attend such a meeting, but voting will be restricted to Full and Honorary Members only.

SASTA CONGRESS - 2003

This year the Congress is a little later than in past years, beginning on the 19 August and ending on the 22 August 2003. As in 2002, the Opening will be at the Holiday Inn, Durban Elangeni with all scientific and technical sessions at Kwa-Shukela.

There are two guest speakers at the Opening of Congress who will be highlighting two different aspects concerned with energy: Mr Bob Chronowski and Mr Dave Nicholls.

Mr Chronowski is currently the Technical Advisor at the World Bank Carbon Finance Group and is a recognized expert in the productive application of a variety of renewable energy technologies in developing country environments. He is a 1964 engineering graduate of the United States Merchant Marine Academy, and has done graduate work in both Environmental Science and Business Administration. Bob was a founding partner of Alternative Energy Development Inc., an international energy development company.

Having worked in over 60 countries over the past two decades for multiple international public and private sector clients on a wide range of technology application projects, he has a wealth of experience to share with us. Bob has also worked with the sugar industry all over the world, including the USA, Brazil, India, Pakistan, Indonesia, Guyana and Mexico. He has three patents dealing with the combustion and gasification technologies for biomass fuels.

At Congress, Mr Chronowski will be talking about carbon credits and energy from biomass.

Our second guest speaker, Mr Nicholls is currently the CEO of PBMR (Pty) Ltd. Directly after his Mechanical Engineering degree, Dave completed a postgraduate Diploma in Nuclear Reactor Energy. Since then he has had extensive experience in the field of Nuclear Engineering. During his sixteen-year relationship with ESKOM, Dave became intimately involved with the safety aspects of nuclear power.

At SASTA Mr Nicholls will be talking about pebble-bed modulated reactors.



SASTA SECRETARIAT

SASTA is in the process of appointing a new Administrator to maintain the SASTA office and to co-ordinate its affairs. The new Administrator will continue to be located at the South African Sugar Experiment Station.

Following the appointment, the **SASTA office will be open in the mornings only** and all SASTA enquiries will be attended to between the hours of 07:30 and 12:30. All contact details will remain unchanged.



77th SASTA Congress

19 - 22 August 2003

SECOND ANNOUNCEMENT

SASTA CONGRESS 2003

Registration and Opening Day

Registration will take place on the 19 August 2003 at the Holiday Inn, Durban Elangeni, followed by the Opening Ceremony and keynote address. The Annual General Meeting will be held in the afternoon and the day will be concluded with the Cocktail Party.

Technical and Scientific Sessions

All technical and scientific sessions will be held at Kwa-Shukela, Mount Edgecombe from the 20 to 22 August 2003.

Authors' Dinner

All authors are eligible to attend the Authors' Dinner, which will be held on the 21 August 2003 at the Holiday Inn, Durban Elangeni.

Conference Organiser

As in past years, Sue Bumpsteed Conferences is co-ordinating the congress and handling all matters regarding registration and the payment of Congress fees. Please direct all registration enquiries to:

kerry@sbconferences.co.za

Tel: +27(0)31-303 2480

Fax: +27(0)31-312 9441



LOGO COMPETITION

Submit your ideas for a NEW SASTA LOGO

EXTENDED CLOSING DATE

30 June 2003

Submissions will be put on display at

Congress 2003

The winner will receive a cash prize.

CONGRESS AWARDS

Awards to be made at SASTA 2003 include:

- Kynoch Prize: Prize awarded for the best paper in the Agricultural section.
- Cecil Renaud Awards: Awards made to authors of the best papers in both sections who are not employed by either a scientific or technological institute. Those who work in either the factory or field are eligible for this award, and they are encouraged to record their valuable observations and present them in a paper at Congress.
- Talbot-Crosbie Award: Prize awarded for the best paper in the Factory section. This award was established in 1935.
- Poster Award: An award made for the best poster presented at Congress.
- Innovation Awards: Awards made in recognition of developments which have shown definite value in improving cost-effectiveness or sustainability or safety of factory and agricultural operations. Closing date for submissions is 30 June 2003.
- Jubilee Award: Awards made to a member from both the factory and field sections, for their contributions at SASTA Congresses in the years preceding each ISSCT meeting. These awards will not be made in 2003.
- Robin Renton Memorial Award: An award presented to the author of a SASTA technical paper written by a young engineer, who shows leadership and management potential.

Noticeboard

- ◆ Laboratory manuals are available at R35 each (for members)
- ◆ SASTA ties: R25.00 each
- ◆ The CD of Congress 2002 Proceedings are now available (and include proceedings of workshops held in 2001) at R100.00 each

All items are obtainable from the SASTA Secretariat



ISSCT WORKSHOPS

Full details of the workshops listed below are available on the ISSCT website: <http://issct.intnet.mu>

Section	Venue / Organiser	Theme	Dates
Agricultural Commission			
Agricultural Engineering	American Sugar Cane League (ASCL) & American Society of Sugar Cane Technologists (ASSCT) Thibodaux, Louisiana, USA <u>Contact:</u> Windell Jackson, Committee Chairperson Charles J. Melancon, Coordinator (ASCL) contact@amscl.org Denver Loupe (ASSCT) assct@assct.org Eddie Meyer xengem@sugar.org.za	Burnt cane v/s green cane mechanization: Agricultural engineering challenges	12 – 17 October 2003
Agronomy	Mauritius Sugar Industry Research Institute (MSIRI), MAURITIUS <u>Contact:</u> René Ng Kee Kwong RNKKwong@msiri.intnet.mu	Opportunities in sugarcane cultivation to confront the new realities in the 21st Century	21 – 25 July 2003
Biology Commission			
Entomology	Sugar Industry Research Institute of the Sugar Industry Authority of Jamaica JAMAICA <u>Contact:</u> Trevor Faloon sirijam@cwjamaica.com	New advances in pest management	23 - 27 November 2003
Pathology	ASSCT in collaboration with Louisiana State University Agricultural Centre and USA Dept of Agriculture Sugarcane Research Unit, Louisiana, USA <u>Contact:</u> Jeff Hoy jhoy@agctr.lsu.edu	Advances and challenges in sugarcane pathology	11 – 16 May 2003
Breeding	South African Sugar Association Experiment Station (SASEX) KwaZulu-Natal, SOUTH AFRICA <u>Contact:</u> Karl Nuss nussk@sugar.org.za	Sugarcane breeding: Basic elements and practical applications	4 – 9 May 2003
Molecular Biology	Centre de Coopération Internationale en recherche agronomique pour le développement (CIRAD) Montpellier, FRANCE <u>Contact:</u> Angélique D'Hont & Catherine Remondat molbiol2003@cirad.fr	Genome analysis and molecular physiology	7 – 11 April 2003
Factory Commission			
Engineering	Berlin Sugar Institute, GERMANY in collaboration with MSIRI, Mauritius <u>Contact:</u> Lutz-Guenther Fleischer P.Seifert@LB.TU-Berlin.De	Energy management in raw cane sugar factories	7 – 11 Oct 2002
Processing	The Sugar Technologists Association of India (STAI) Goa, INDIA <u>Contact:</u> Vinay Kumar staidel@vsnl.com	New technologies for manufacture of quality sugar	10 – 12 Nov 2003
Co-products Commission			
Co-Products	BRAZIL Copersucar Technology Center Piracicaba, São-Paulo, Brazil <u>Contact:</u> Dr. Manoel Regis L. V. Leal regis@copersucar.com.br	Ethanol production and use	9 – 13 July 2003