



SASTA NEWS

Newsletter of the SA Sugar Technologists' Association

November 2005

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SASTA 79th Congress 2005

SASTA Congress 2005 was attended by 488 delegates and was characterised by good quality papers and presentations. Delegates attended from 23 countries, mainly South Africa (376) although there was a large contingent from other African countries (81) and 31 from overseas. There were 43 papers and 8 posters in the Agricultural section and 11 papers and 3 posters in the Factory section. The famous 'orange laboratory manual' which is now available in an electronic format was launched during the course of the Congress. Congress was particularly well supported by a full trade exhibition and good sponsorship. Their financial contribution made a valuable contribution to reducing delegate registration costs.

The guest speaker Dr Anthos Yannakou provided delegates with an insight into the challenges that face research and development in South Africa and left them with a number of challenges. He encouraged the industry to invest in technologists and explained that there are a number of models for research organisations. It is only within the evolving 4th generation model that industry profitability will be improved. He advised that the Department of Science and Technology and Department of Trade and Industry funding be leveraged, through alignment with the government National Research Development Strategy and Innovation Management System. He believes that technology is the key to rejuvenating a mature industry. Lastly he suggested that key issues such as Supply Chain Management, Information Communication Technology and Smart Manufacturing be investigated and implemented.

Three gold medals were awarded for scientific endeavour and service to SASTA and ISSCT. The recipients were Pam Morel du Boil (retired SMRI), Eddie Meyer (SASRI) and Jan Meyer (SASRI). Chris Garnett was the worthy recipient of the Agricultural Innovation Award for his development of the Mayfield knapsack granule fertilizer applicator. The product concept was developed and patented in 1983 due to a need to reduce the costs of mechanical application, which required the improvement in productivity of labour and accuracy of manual fertilizer application on his farm.

KM Hurly (Source: SA Sugar Journal, August 2005)



Chris Garnett (right) and Craig Garnett with the Agricultural Innovation Award.

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Awards 2005: announcement of winners in Factory and Agriculture sections

AGRICULTURE SECTION

Kynoch prize

Joint Winners:

Evaluation of two possible haulage routes for the transport of sugarcane

*PWL Lyne, E Meyer and R Herbert
(Presented by Eddie Meyer)*

This paper addressed the economic dilemma faced by sugarcane transport operators when they have the choice of (1) a shorter route with low quality surfaces and steep gradients and (2) a longer, better quality route with more gradual gradients. The problem was investigated using contrasting routes from Mid Illovo to the Eston Mill. Two approaches were used to quantify the difference in cost between the options: direct measurements in a conventional haulage vehicle on the road, and application of a vehicle performance and costing simulation package. Results showed that the shorter route was the more economical. The experimental design and methodologies were meticulously conceived and applied and the overall presentation of concept, data obtained and conclusions reached was outstanding.

Crop growth models for decision support in the South African sugarcane industry

M van den Berg and MT Smith (Presented by Maurits van den Berg)

This presentation was an excellent review of the development of crop growth models available to assist decision-making in the South African sugar industry. The talk was a delight to listen to and had appeal for a very wide-ranging audience. Those who imagined they were non-modellers were challenged to reflect how they do in fact use modelling in everyday decision-making. For the modelling specialists and Decision Support Programme users,

the review provided a meaningful historical overview and linked crop model developments in the local context to global progress in this very important area. Possible ways of enhancing the models through better exploitation of research data were discussed. The paper was an outstanding example of how a difficult, sometimes obtuse, topic can be artfully presented to create understanding at many intellectual levels.

Special commendation

Ruth Rhodes

For a scientifically sound, lucid and thoroughly engaging presentation of the paper by Zimbabwean authors MD Shoko and F Tagwira who could not be present at Congress:

Soybean in sugarcane breakcrop systems in Zimbabwe: an assessment of potential nutrient and economic benefits

Cecil Renaud prize

The judges were unanimous in the view that there were no meritorious candidates in this prize category.

Poster prize

Hi-Tech irrigation scheduling advice for small-scale sugarcane production

*MT Smith, A Singels and J Neen
(Presented by Marc Smith)*

This poster presented a practical scheme for providing irrigation advice to small-scale growers by means of a text message on a cell phone. The study demonstrated how essentially complex irrigation models could be applied to and adopted successfully by growers in the industry. The layout of the poster was logical and clear, accompanied by explanatory text and good graphs/photographs. The verbal presentation by Marc Smith was outstanding with a lucid statement of problems associated with irrigation scheduling

advice, simplification of the modeling behind the scheme, explanation of the data obtained in the pilot study and demonstration of success by adoption rates.

FACTORY SECTION

Talbot-Crosbie Prize

Using Finite Element Analysis and Design Theory as Tools to Design Large Diameter Shafts

Leon Smith

The paper presented some of the theory and constraints of using finite element analysis to design large shafts in a clear and understandable manner. The subject was felt to have high relevance to the industry, and the author's knowledge of the subject was good. The presentation itself was of high quality with clear slides, and it promoted lively debate with many questions from the audience.

Cecil Renaud Prize

Prize not awarded. There were no papers meeting the criteria for the award of the Cecil Renaud prize.

Poster Presentations: Factory posters

General comments:

Only three posters were presented, and all by the same principal author. While the presentation of the posters was of a high standard, for which the author, Barbara Schoonees, should be commended, they were judged to contain insufficient new technical knowledge and data to qualify for a prize. All three covered testing of existing analysis methods or equipment, and other technical experts consulted felt that the range of cases covered was insufficient to be able to extend the findings to the whole industry. Hence, no prize should be awarded.



SASTA GOLD MEDALISTS

SASTA gold medallists need to have made an outstanding technological contribution, that has been adopted by the sugar industry, which has, as a consequence, benefited from it. In addition SASTA Council considers exceptional service to SASTA and/or the International Society of Sugar Cane Technologists (ISSCT) worthy of a gold medal.

This year saw a very unusual situation in that three people were awarded gold medals. They join JB Alexander, IA Bell, PCG Brett, JL du Toit, CGM Perk, AE Rabe, AB Ravnö, PW Rein, K Schaffler, GD Thompson and SW Upfold.

Pamela Morel du Boil's fields of expertise include:

- The kinetics of sucrose crystal growth and the causes of crystal elongation
- The isolation and identification of trisaccharides and polysaccharides from deteriorated cane and the effects these have on factory processing
- The identification and analysis of dextrans and the use of dextranase to reduce levels of dextran

Pamela has published a total of 28 national and international papers in various proceedings and journals.

Eddie Meyer's work has defined the standard methodology for the comparative costing of machines and systems. This has been a major economic contribution to our industry and the standard set is increasingly being adopted internationally. Eddie is the author of 11 papers published in the Proceedings of the ISSCT. The most recent of these was presented in Guatemala in January 2005, where his paper was a key contribution to the plenary session on Green Cane Harvesting. Eddie has published 42 papers in the proceedings of SASTA, and has received four awards for the high quality of his publications.

Jan Meyer's key contributions include the following:

- Leadership in building up the Fertiliser Advisory Service (FAS) so that it sets the South African standard



for the application of soil nutrient analyses in crop husbandry

- Pioneering work on the use of near infrared (NIR) for analysing leaf and soil samples, and cane analysis
- Active support for the use of Condensed Molasses Solids as a valuable, cheap source of crop nutrients

Jan has been the author of 120 scientific publications, and has earned

three silver medals in recognition of his work. Since his first contribution in 1970, he has authored and co-authored more than 80 papers (the most by a member in the Association's history) and he has won three SASTA awards.

KM Hurly

(acknowledgements to the SA Sugar Journal, August 2005)

THANK YOU LETTERS RECEIVED FROM GOLD MEDALLISTS TO SASTA

From Eddie Meyer

I would like to express my sincere appreciation to the Association for awarding me a Gold Medal. It is indeed a great honour. I am a proud SASTA member and I have had many happy and long lasting relationships with its members over the years. I have gained much experience and valuable knowledge through the Association.

I would like to take this opportunity to congratulate the past President, Dr Kathy Hurly, Council members, Congress Organising Committee and Secretariat on a most enjoyable and well-organised 2005 Congress. I have heard of many complimentary comments on the high standard of papers and presentations. May I also congratulate you as the incoming President, and the new Council members, and wish all of you every success for the coming year.

I once again thank you and the SASTA Council for bestowing this prestigious honour on me. I regard it as the highlight of my career in the South African sugar industry.

Yours sincerely

Eddie Meyer

From Jan Meyer

Please pass on my sincere thanks to the new and out going Council members of the South African Sugar Technologist's Association for the recent Gold Medal award. It is indeed a privilege and great honour to join the elite group of technologists who have achieved this lifetime achievement award. I would also like to pay tribute to the many colleagues at SASRI, past and present who have over the years helped in the many trials and experiments that have enabled the submission of the many papers to SASTA over the past 39 years.

SASTA is the best Sugar Technologist Association in the sugar world today and all credit to the past President, Dr Kathy Hurly, Council members, Congress Organising Committee and Secretariat for the high standards achieved at this year's SASTA congress. I wish the new Council every success for SASTA 2006 and the ISSCT in 2007.

Yours sincerely

Jan Meyer



SASTA WORKSHOP: CONSERVATION PRODUCTION SYSTEMS

Date: 23rd February 2006
Venue: Kwa-Shukela auditorium
Cost: R120 per SASTA member delegate
R140 per non-member delegate

(Includes lunch and morning tea and a copy of the days proceedings)

**To book a place and receive an invoice, contact: Danile Macdonald on
Tel: 031-5087543 or fax: 031-5087597 or email: sasta@sugar.org.za**

Workshop Draft Programme

08h30 – 09h00	REGISTRATION and TEA/COFFEE
09h00 – 09h10	Welcome and Introduction..... Kathy Hurly (SASRI)
09h10 – 09h40	Research Initiatives to Improve Soil Health in SA Sugar Industry.....Jan Meyer (SASRI)
09h40 – 10h10	No Till, the Concept and Experiences.....Tony Matchett (Benson Farming)
10h10 – 10h40	Trashing as a Proven Conservation Practice....Rusty Tedder(Cane grower)
10h40 – 11h00	TEA
11h00 – 11h30	Application of CMS, a grower's experience.....Ed Grantham (Cane grower)
11h30 – 12h00	Intercropping and Fallow CroppingRuth Rhodes (SASRI)
12h00 – 12h30	Infield Compaction Due to VehiclesRian van Antwerpen (SASRI)
12h30 – 13h00	Precision Agriculture as a Potential Conservation Aid....Peter Lyne(SASRI)
13h00 – 14h00	LUNCH
14h00 – 16h00	Panel Discussion
Chairperson:	TBA
Panel:	All presenters
	What components of the current production system need to change? What production systems do we need to change to? How can this change be initiated?
16h10 – 16h30	Wrap Up and Way Forward Jan Meyer (SASRI)
16h30	CLOSE



SASTA Workshop on Transport Systems

The "Transport Systems" workshop held on the 20th September 2005 at Kwa-Shukela saw an attendance of 120 delegates mainly from South Africa, but with a few coming from as far as the United Kingdom, Malawi, Swaziland and Australia! The workshop was highly informative and interactive and the discussion session in the afternoon was lively and positive, and encouraging in the sense that millers, hauliers and growers recognise that cane supply problems must be jointly addressed.

In a brief overview of transport in the industry, Eddie Meyer, mechanisation specialist at SASRI gave some reasons behind the cane transport costs and highlighted possible ways of reducing these costs which included increased vehicle utilisation, increased tonnage transported, reducing cycle time and optimising payloads.

Des Armstrong of Mondi, spoke about his experience with central tyre inflation (CTI) systems. He gave a brief explanation of how CTI systems operated and showed that they significantly reduced tyre damage and vehicle wear and tear. In one case tyre life was increased by a factor of 4 and tyre damage reduced from 48 tyres which had to be replaced to 4 on a similar route. He outlined the success of some of his other projects, such as an automatic load tensioning system and piggy-back trailers for empty return trips

Kevin Cole from Kevard Estates shared his experiences with On-Board weighing systems which enabled one to maximise the vehicle



The team of presenters at the SASTA Transport workshop: Front from left: Ryan Giles, Grahame Dines, Peter Lyne, Stanley Munsamy. Back from left: Paul Nordengen, Kevin Cole, James van Zyl, Des Armstrong, Eddie Meyer.

payload. In a loose cane operation one could achieve the maximum load which was distributed evenly across all axles and maximum payload was achieved more easily than with bundled operations. At present the degree of under-loading at Sezela was 3.64 tons for 50% of all loads in 2004. With 32 258 under-loaded loads delivered, under-loading cost Sezela growers about R503 728 in 2004 (R4.29/ton loss of income). He stated that the increased pressure from government to reduce over-loading, would result in increased under-loading and even higher transport costs.

Ryan Giles highlighted problems faced in the industry citing amongst others, the fact that there were multiple cane hauliers operating independently of each other resulting in an un-coordinated approach to the cane supply and an overall surplus of resources (over fleetings, over manning). He also mentioned that it was difficult to maintain supply equity (haulier to haulier), difficult to control weighbridge activity, which lead to lost opportunity. According to Giles 'harvester activities' and 'transport operations' had to be considered as a single unit operation. To optimise truck numbers, they needed to use the 'Just in Time' (JIT) principle, and this would necessitate that harvest/transport needs

be considered as the first operation in the milling process.

Grahame Dines, cane supply manager at the New South Wales sugar milling co-operation gave a presentation on the relationship between harvesting and transport, the theories of cane truck scheduling in 'real time' and its application to South Africa, specifically the Darnall Mill. He said that local industry consulted him mainly because of the degree of truck 'over fleetings' in South African mills. "The sugar industry needed to cut costs in order to improve profitability and vehicle scheduling system such as Fredd was one option". He went on to say "The operating system in South Africa was very different to Australia: multiple hauliers, multiple transport types, multiple cutting groups and transport modes, within the same mill area" which all complicated the system. He explained that he was customising, "Fredd", to suit local conditions. He felt that it was important to introduce tracking systems on trucks so that ETA's could be communicated to "Fredd" to ensure a regular arrival of vehicles at the mill.

James Van Zyl from NCT spoke on scheduling vehicles using a system known as the Joint Planning Tool (JPT) and their experiences using a

...continued on page 7



SASTA AWARDS SUMMARY

Award	Criteria	Mechanism	Prize
Gold medal	<p>Outstanding technological contribution that has been adopted by the sugar industry, which has, as a consequence, benefited from it.</p> <p>Exceptional service to SASTA and/or ISSCT is considered</p>	<p>Nominations (from any SASTA member) with detailed motivations to be sent to SASTA Council. Council meets four times a year to consider nominations.</p> <p>Awards, if any, are presented at the next annual SASTA Congress or AGM.</p>	Gold medal with SASTA logo on head and recipients name and reason for award on tail
Honorary membership	Exceptional service/ contribution to SASTA	<p>Nominations (from any SASTA member) with detailed motivations to be sent to SASTA Council. Council meets four times a year to consider nominations.</p> <p>Awards, if any, are announced in the next SASTA newsletter.</p>	Free life membership of SASTA
Jubilee Awards (one for Factory and one for Agriculture)	Exceptional author's paper/poster contribution at SASTA Congress in the year preceding each ISSCT Congress.	The judging panel appointed by SASTA Council for that SASTA Congress considers all papers delivered at Congress.	Trip to the following year ISSCT Congress with all registration, travel and accommodation expenses paid by SASTA.
Innovation Awards (one for Factory and one for Agriculture)	The design, development and implementation of an idea, machine, process or technique which has shown definite value in improving technology, cost-effectiveness or sustainability or safety of factory and agricultural operations	<p>Nominations (from any SASTA member) with detailed motivations to be sent to SASTA Council. Council meets four times a year to consider nominations.</p> <p>Awards, if any, are made at the next SASTA Congress or AGM.</p>	Trophy (mounted steel sugar cube for Factory and mounted steel plough for Agriculture) and SASTA certificate
SASTA Student awards (one for Factory and one for Agriculture)	<p>Outstanding post-graduate research as demonstrated by</p> <p>*A successfully examined thesis or dissertation that has given rise to internationally recognized publications or patents and</p> <p>* A motivation that details the relevance of the work to the sugar industry</p>	<p>Nominations or applications should be sent to SASTA Council before 1 March each year for that year's consideration.</p> <p>SASTA Council appoints a representative committee to appraise the nomination/ application as required.</p>	Cheque (R500.00) from SASTA, SASTA certificate and free registration for the next SASTA Congress. The recipient will be expected to present a paper on their findings at the next SASTA Congress in a plenary session.



Robin Renton Memorial Award/PGBI prize	Any young engineer (less than 35 years old) who shows leadership and management potential, and who delivers a technical paper at SASTA Congress	All authors at Congress that qualify are considered. The judging panel appointed by Council recommends the winner for Council ratification. The award is presented at the following SASTA Congress or AGM	Cheque (R1000.00) and medal sponsored by PGBI Engineers and Constructors
Kynoch Prize	The best paper in the Agricultural section of Congress	All Congress authors in the Agricultural section will be automatically considered by the judging panel appointed by Council	Cheque for the senior author (R500.00) and certificates for all co-authors
Cecil Renaud Awards (one for factory and one for Agricultural sections)	The best papers delivered by authors who are not employed by either a scientific or technological institute. Those who work in either the factory or the field are eligible.	All Congress authors not from a scientific or technological institute will automatically be considered by the judging panel appointed by Council	Cheque for the senior author (R500.00) and certificates for all co-authors
Talbot-Crosbie Award	The best paper in the Factory section of Congress	All Congress authors in the Factory section will be automatically considered by the judging panel appointed by Council	Cheque for the senior author (R500.00) and certificates for all co-authors
Poster Awards (one for Factory and one for Agricultural sections)	The best poster presented at Congress in each of the Factory and Agriculture sections	All Congress authors will be automatically considered by the judging panel appointed by Council	Cheque (R500.00) for senior author and certificates for all co-authors
Highly Commended awards	Any second best submission to Congress in any of the above prize categories	All Congress authors will be automatically considered by the judging panel appointed by Council	Certificates for all co-authors

SASTA Workshop on Transport Systems (from Page 5)

time-slotting system in the forestry industry. He stressed that despite apparently insurmountable problems and obstacles, it was necessary to tackle the small things that one could change, and the system would improve. He cajoled us not to use the problems that will crop up as an excuse for not optimising the parts of the system that we can optimise.

Paul Nordengen (CSIR) gave a presentation on overloading and the possible introduction of Performance Based Specifications (PBS). PBS

was a system where load accredited vehicles (LAP) could apply for concessions from the road regulations as long as they complied with road and safety issues. Even though we cannot control the fuel prices, we could cut down on other expenses or make better use of existing vehicles and increase our return on investment.

Concluding the discussion, Peter Lyne highlighted a list of topics that would deserve action or further discussion and research at other

forums and platforms: partnerships, scheduling, over-allocation, staggering of shift changes and pay weekends, weighing systems, central tyre inflation system, and Load accreditation (LAP). It was proposed from the floor that at the next SASTA Congress in July 2006, a session be planned for continued discussion and relationship building between harvesters, transporters and millers.





ISSCT workshops

Closing dates for abstracts are soon! Check the details on the website!

Section	Venue/Organizer	Theme	Date
Agricultural Commission			
Agricultural Engineering	Sociedad Argentina de Technicos de la Cana de Azucar (SATCA) ARGENTINA Contact: * Dr. Jorge Scandaliaris direcc@eeaoc.org.ar	Improving productivity under green cane harvesting	3 - 7 September 2006
Agronomy	Thailand society of Sugar Cane Technologists Khon Kaen THAILAND Contact: * Mr. Chalermpol Lairungreung pram@accs.inet.co.th	New and improved practices to increase cane and sugar yields	23 -26 May 2006
Biology Commission			
Pathology	Centre de coopération Internationale en Recherche Agronomique pour le Développement (CIRAD) GUADELOUPE and post-workshop to West Indies Central Sugar Cane Breeding Station (WICSCBS) BARBADOS Contact: * Dr. Jean Heinrich Daugrois Jean-heinrich.daugrois@cirad.fr issct-pathology.workshop@cirad.fr	Advances and Challenges in Sugarcane Pathology	23 – 27 January 2006 Barbados 30 – 31 January 2006
Breeding	Fundacion para la Investigacion Azucarera del Ecuador, and Centro de Investigacion de la Cana de Azucar del Ecuador (CINAE) ECUADOR Contact: * Dr. Raul O. Castillo raulcast@ecua.net.ec	Pushing the Boundaries: Innovation in Crop Improvement	1 - 5 May 2006
Molecular Biology	Mauritius Sugar Industry Research Institute (MSIRI) MAURITIUS Contact: * Dr. Asha Dookun-Saumtally adookun@msiri.intnet.mu M.S.I.R.I.@msiri.intnet.mu	Molecular Biology: The means for driving the sugar industry forward	3 - 7 April 2006
Entomology	BSES Ltd, Cairns, AUSTRALIA and Post Workshop to Ramu Sugar PAPUA NEW GUINEA Contact: * Dr. Peter Allsopp pallsopp@bses.org.au	Advances and challenges in sugar cane pest management	14-24 May 2006
Factory Commission			
Engineering	Mexican Association of Sugar Cane Technologists (ATAM) Under the auspices of University of Veracruz, Veracruz MEXICO Contact: * Mr. Manuel Enriquez Poy poymanuel@prodigy.net.mx cmsamex@prodigy.net.mx	Milling and Diffusion – Theory and Practice	7-10 March 2006 (Advanced 1 week)
Processing	The Audubon Sugar Institute Louisiana, USA Under the auspices of the American Society of Sugar Cane Technologists (ASSCT) LOUISIANA, USA Contact: * Dr. Peter Rein prein@agctr.lsu.edu	Cane Juice Purification Processes	29 May - 1 June 2006



Co-products Commission			
Co-Products	North Eastern BRAZIL Contact: ★ Dr. Manoel Regis L. V. Leal regis@Inls.br regisl@yahoo.com.br	Title and Venue to be finalised	November 2006
Management Commission			
Management	South African Cane Growers Association Mt. Edgecombe, Durban, SOUTH AFRICA Contact: ★ Mr. Adrian Wynne awynne@canegrowers.co.za	Managing Change in Mature Sugar Cane Industries	12 -14 July 2006

Awards 2004

Outgoing SASTA president, Kathy Hurly, presented the prizes to winners from 2004 at the AGM on 20 July 2005.



Highly Commended in the Kynoch category: Amogelang Gill (not present), Sandy Snyman, Barbara Hockett and Bernard Potier



Cecil Renaud prize: David Armstrong



Agriculture poster prize: David Nixon



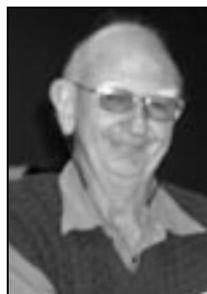
Talbot-Crosbie prize: David Love, Steve Peacock and Gerald Schumann (not present)



Factory poster prize: Richard Simpson and Lola Naidoo



Highly Commended in the Talbot-Crosbie category: Sikhumbuzo Mkhize and Steve Davis



Highly Commended in the Cecil Renaud category: Francois Botha (not present) and Jan Meyer



Highly Commended in the Cecil Renaud category: Natasha Sharma and Carl Myers

SASTA CONGRESS 2006

Dates and Call for Papers

Dates for the 80th SASTA Congress in Durban are:
18-21 July 2006

Diarise Now!

Registration will be available on the SASTA website from April 2006.

Deadlines for authors:

Abstracts of approximately 250 words (on the SASTA abstract template- available from sasta@sugar.org.za) must reach the SASTA office by 20 January 2006. The abstracts submitted could be for full length papers, short communications or posters (all of which will form part of the official published Proceedings) or they could be for technical workshop-type presentations or commercial presentations (which will not be included in the Proceedings). The SASTA "Instructions to Authors" has been updated and revised: please consult it before submitting.

On acceptance of the abstract:

Papers: Full papers must be submitted by 14 March 2006. Full papers will be refereed and edited.

Short communications: Short communications must be submitted by 14 March 2006. Short communications will be edited only. Note : Short communications must comply with the "rules" as indicated in the "Instructions to authors", or they will be rejected.

Posters: a 1200-word summary of the poster (to be published in the Proceedings) must be submitted by 17 April 2006. Poster summaries will be edited only. The poster itself must be put up for display from 18 July 2006.

Technical workshop/ commercial presentations: The speaker will bring whatever handouts they wish to distribute to the delegates on the day of their presentation.

Abstracts and full papers/short communications/poster summaries should be sent to:

Email: sasta@sugar.org.za or to:

SA Sugar Technologists' Association

SASRI

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Republic of South Africa

Tel: +27 (0)31- 5087543 Fax: +27 (0)31-5087597

The "Abstract submission template" and the "Instructions for authors" will be sent out electronically to all members whose e-mail addresses we have. If you would like a copy of these files, please send a message to that effect to sasta@sugar.org.za and one will be mailed to you electronically.

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SASTA laboratory manual (4th edition) on CD ROM: R270.00 per CD (price to SASTA members)

Congress Proceedings 2000 – 2005 on CD: R100.00 per year

Congress Proceedings prior to 2000: R50.00 (stocks vary per year)

Sugar Spoons: R100.00

Abstract submission template for papers, short communications and posters for SASTA Congress 2006. Examples of papers appear on the SASTA website (www.sasta.co.za)

Exhibition space or sponsorship opportunities at SASTA Congress 2006

Please send in your email address for loading onto the SASTA address book in order to get electronic notification of events.

All items obtainable from the SASTA Administrator: Danile Macdonald

Tel: 031 -5087543 (mornings only)

Fax: 031 -5087597

Email: sasta@sugar.org.za

