



SASTA NEWS

Newsletter of the SA Sugar Technologists' Association

October 2006

SASTA contact details: sasta@sugar.org.za Telephone: +27 (0)31 508 7543 Fax: +27 (0)31 508 7420 Website: www.sasta.co.za

SASTA 80th Congress 2006

The 80th Annual SASTA Congress was held between 18 and 20 July 2006 at the International Convention Centre (ICC) in DURBAN. The event was attended by 482 delegates and exhibitors of which 391 were from South Africa, 60 from other African countries and 31 from elsewhere, representing a total of 18 countries. Some 58 papers and short communications were presented and 7 posters as well as a colloquium on crystallisation as part of the factory session. 21 of the papers were presented in the factory session, which is the largest number of contributions in many years.

The congress sported no less than 32 sponsors and exhibitors, which made for an exciting exhibition hall. The exhibition stands were, for the first time, judged by a panel of experts and the prize for the best exhibition stand went to Donaldson Filtration Systems for their exciting display of instruments, equipment and applications. Highly Commended stand prizes went to Lasec and ABB South Africa.

The opening session this year was honoured by two guest speakers. Dr Adi Paterson, the Group Executive of the Science and Technology Expert Services, which is an initiative of the Department of Science and Technology, delivered a presentation on the contribution of technology to the economic progress of South Africa. He emphasized the importance of collaboration and partnerships in modern day research initiatives, especially in such a mature industry

and his talk was well received by the audience.

The second speaker, Mr Manny Singh, is the General Manager of the Energy Development Corporation (EDC), a division of the Central Energy Fund, and discussed the current Biofuel options for South Africa and the many challenges that we are facing in this regard. This unearthed some thought provoking ideas, which continue to be in the forefront of the South African national debate.

The SASTA President, Mr Stanley Munsamy, the SASTA Vice-President, Mr Roger Bailey and the SASTA Patron, Mr Rodger Stewart also addressed the opening session in their respective capacities. Dr Kathy Hurly introduced the ISSCT 2007 Congress hosting.

Hosting of the SASTA Congress at the ICC was an exciting development in itself. While the initial aim was to take the ICC for a test drive for the coming ISSCT Congress in 2007 which will be hosted by South Africa, the venue itself was a great success in terms of parking, locale

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for talks and the exhibition area which were all in close proximity to each other. The meet and greet function on the first evening took place in the exhibition venue and replaced the more traditional cocktail function in order to deformalise the crucial interaction of fellow SASTA members and other delegates, with great success. A formal dinner for the Proceeding's authors and dinner sponsors' guests was held at the Durban Country Club on the Thursday evening.

All in all, the Congress was a great success and was well received by the delegates. SASTA members are reminded that, because of the ISS-CT 2007 being hosted in Durban, there will be no SASTA Congress during 2007 although an integrated substantial workshop with appeal to factory and agriculture delegates will be arranged, to encourage SASTA members to exchange ideas.

Article written by Barbara Schoonees



From left: Rodger Stewart, Stanley Munsamy, Adi Paterson and Manny Singh.

Congress 2006 Proceedings error

SASTA apologises for the error in the Congress 2006 Proceedings CD. The delegates who received the wrong CD at Congress should now have received the correct CD in the mail direct from the CD manufacturer. If there are still delegates who have not received their CD (postal service failure) please contact Danny Macdonald at the SASTA office.

VAT Registration and prices for 2007

SASTA is now a registered VAT vendor (No 4300 227 503).

Council, at its August meeting, considered the implications on members and have decided to drop the subscription fees for 2007 by 14% so that including VAT the fees remain the same as for 2006. This will mean status quo for members who cannot claim back VAT, and a saving for members or corporates who can claim back VAT.

There has been a small increase in prices for goods available from the SASTA office as shown in the table below.

Item	Price including VAT
Full membership	R150.00 per annum
Associate membership	R170.00 per annum
Retired membership	R 40.00 per annum
Corporate membership	R500.00 per annum
Corresponding membership	R300.00 per annum
Sugar Spoons	R125.00
SASTA Calculator-Mouse Pads	R100.00
SASTA Ties	R 35.00
CD Proceedings (years from 2000 to 2006)	R200.00 per year
Hard copy Proceedings (years prior to 2000 - some years are sold out - most years are still available)	R 60.00 per year
Lab Manual 4 th edition on CD - SASTA members price	R300.00
Lab Manual 4 th edition on CD - Non members price	R500.00
Postage, packaging and bank fees	As appropriate



Innovation Award 2006

Ewald is employed as an Assistant Research Officer in the Crop Biology Resource Centre at SASRI.

In his own private time, Ewald has designed and made an electronic instrument for scoring molecular markers: "Serial RS232 Score-Assist". Use of the instrument increases accuracy and speed of marker analysis significantly. This advance has constructive implications for biotechnology, especially as applied to plant breeding.

Serial RS232 Score-Assist has several different applications in the Variety Improvement Programme at SASRI. Over the past few months it has been applied to the scoring of a large set of DNA marker data as part of an international sugarcane genetic mapping project supported by 18 sugarcane industries worldwide. The markers are Amplified Restriction Fragment Length Polymorphism (AFLP) markers revealed as bands on large (30 X 40 cm) 2-dimensional gels. Part of a typical gel is shown in Figure 1.

To illustrate the enormity of the task of scoring, it must be appreciated that the data set involved in the current mapping project alone comprises 160 gels; 32 sets of 5. Each set of 5 gels consists of 305 lanes with approximately 18 scorable markers per lane, giving rise to an average of 5 490 scores per set. This amounts to 175 680 scores for the whole project.

Normally, the scorer has to manually transcribe the scoring data on to a piece of paper point by point and then later retype it into the spreadsheet programme for statistical analysis. When using the Serial RS232 Score-Assist, the marker data are entered into the PC software in "real time" i.e. they are captured automatically as the user scores.

To complete the scoring of a set of 5 gels by the manual method takes 32-40 hours of work. By contrast, using the electronic instrument, approximately 24 hours of work

are required. In short, the Serial RS232 Score-Assist saves the user between 8 and 16 hours per set of 5 gels. More importantly, because it is a focused, one-step process, the new method dramatically reduces the occurrence of transcription error.

Molecular markers are part of fingerprinting technology and may be applied to various problems in breeding. In the mapping project described here, the vertical marker profiles ("fingerprints") are derived from well characterised varieties and are sources of genetic markers that can be used to construct maps describing linkage to phenotypic traits, thus providing a predictive support tool for breeders. Fingerprinting may also be used as a forensic tool for determining the identity of a specific DNA source or to assess the relatedness between two varieties. All of these applications are active at SASRI and will continue into the future, assuring a continued role for Serial RS232 Score-Assist.

BI Hockett, Research Manager
SASRI

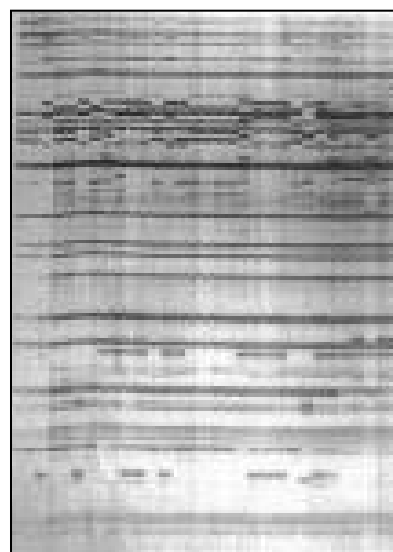


Figure 1. Example of Amplified Restriction Fragment Length Polymorphism (AFLP) marker data. Small portion of a single 2-dimensional gel after electrophoretic separation of DNA fragments according to size. The multiple vertical lanes represent genomic DNA from different cultivars (varieties). The horizontal markers (dark bands) represent different segments of the genome. All bands have to be scored as present (1), absent (0) or missing (M).



Ewald Albertse received the Agricultural Innovation Award 2006 from outgoing SASTA President: Stanley Munsamy.



AWARDS 2006:

Announcement of winners

AGRICULTURAL SECTOR PRIZES

Kynoch prize

Silicon and water stress synergy in resistance of sugarcane cultivars to the stalk borer, *Eldana saccharina* Walker (Lepidoptera: Pyralidae)

Kvedaras OL, Keeping MG, Goebel F-R & Byrne MJ (Presented by Olivia Kvedaras)

The authors have shown that silicon enhances the resistance of eldana-susceptible sugarcane varieties under conditions of water stress. This is of particular significance in view of the importance of eldana and the prevalence of water stressed growing conditions in the SA sugar industry. The results are exciting and could have a huge impact on future breeding and management strategies for controlling Eldana. Its content is well related to international research & literature in its field and the paper shows that a thorough literature survey was conducted and that an original and scientifically rigorous methodology was followed.

Special commendation in the Kynoch category

Simulation model to reduce the impact of rain stops and breakdowns on sugarcane harvesting

Jorio R, Legendre B, Gautz L & Abdellaout R (Presented by: Louis Lagrange)

Louis Lagrange presented this paper because none of the authors could attend the SASTA 2006 congress. The presentation was given with much confidence and the effort was regarded as excellent despite the fact that he was not even a co-author. The judges therefore recommend that Louis Le Grange should

receive a special commendation as he did SASTA proud in keeping the presentation standard high. If he had been a co-author this paper could have been a contender for the Kynoch prize.

Cecil Renaud prize

Joint Winners:

Evaluation of the Illovo mechanical cane cutter

Langton MI, Smithers JC, Bezuidenhout CN & Lyne PWL (Presented by: Matthew Langton)

The authors are leading the way in developing a much-needed alternative harvesting system. This technology is probably still in its infancy but is already showing its potential in the light of a decreasing labour force.

Much effort was invested not only to develop the cane cutter but also the way the user will experience it. This is ground breaking work and probably the best development since the cane knife.

The selection and management of varieties through the Felixton seedcane scheme

Fortmann RR, Brenchley PG & Mathew AK (Presented by: Tom Fortmann)

The paper was well presented. A good demonstration of how current scientific knowledge can be assimilated, integrated, marketed and implemented in a systematic and time efficient way. The paper clearly demonstrated the usefulness of adopting a seedcane scheme and what benefit it has already had on the variety disposition in the area, and alluded to what effect this might have on individual grower's profitability and disease management. Industry-wide adoption of the concept could have positive repercussions for growers as well as SASRI. The quality of the discussion generated after the presentation of the paper at SASTA reinforces this.

Poster prize

Modelling trash management and its impacts: Methodology

M Jones and M van den Berg (Presented by Matthew Jones)

Despite the limitations of a poster presentation the authors succeeded to demonstrate to the reader the factors they had to take into account and the problems to be solved in order to model the processes affected by trashing. The poster was well laid out and easy for the reader to navigate the numbering and box system. The topic of trash management is highly topical and its incorporation into the Canesim model is believed to have great benefit to the sugar industry.

FACTORY SECTOR PRIZES

Talbot-Crosbie Prize

Numerical Study of the Flow in Air Flotation Syrup Clarifiers

Luis Echeverri and Peter Rein (presented by Luis Echeverri)

This paper presented the results of computation fluid dynamics modelling of syrup flotation clarifiers, comparing the results with experimentally determined tracer test results. The work was of a high standard, with the successful application of a more complex model to the system than has previously been done. The work was extended to suggest possible design improvements to increase the efficiency of such clarifiers. The paper was well-presented, with animated graphics clearly illustrating the results of the modelling.



Cecil Renaud Prize

Joint winners:

First Impressions of ADI Chain installed in the Amatikulu Diffuser

Matthew Rein, Leon Smith, Bob Strachan and Rolf Wirminghaus (presented by Leon Smith)

This paper documented experiences with the replacement of the diffuser chain at Amatikulu, raising issues concerning an expensive item in diffuser factories. The work was well documented and methodically executed, and introduced a new material into this field in the South African sugar industry. The paper was delivered confidently and well-illustrated, although some background knowledge on the part of the audience was assumed.

Practical Steps taken at Tongaat-Hulett Sugar Factories to achieve low Target Purity Differences

Muzi Ninela and Naveen Rajoo (presented by Muzi Ninela)

This paper presented the work done by the authors to determine the factors affecting target purity differences in Tongaat-Hulett mills, and to make and implement recommendations to improve poor performance. The thorough approach to the inves-

tigations was well-covered, including documenting of "best practices", and the improvements in results following implementation of the changes bear testimony to the quality of the work. This was a good practical factory paper, with potential application to all mills.

Highly Commended in the Cecil Renaud category.

Applications of Capillary Viscometry in Cane Sugar Factories

Raoul Lionnet and Melanie Pillay (presented by Raoul Lionnet)

The work presented in this paper gave a simple and cheap solution to the problem of assessing the concentrations of flocculants in sugar juices that can be used by all mills. However, the work was based on a relatively small data set and was not sufficiently scientifically rigorous to qualify for a prize.

Robin Renton Memorial Award/PGBI Prize

The judges recommend that this Award be made to Sinthi Rama, for her paper entitled:

The Effect of Clay Type Soil in the Diffuser at Umfolozi Mill,

coauthored by: Ralf Dehrmann, Hamilton Zungu and Darryl Sweet.

The paper presented work done by the author, an Engineer-in-Training, to solve a long-standing problem at Umfolozi Mill, which has impacted on performance. The author considered previous work done to solve the problem and designed and carried out experiments to find solutions that have led to performance improvements. Although much of this work is specific to this mill, the sound approach to the problem and the range of solutions considered, one of which was not included in the paper but in the presentation as it had just been completed, shows the high level of thinking applied. The author has shown herself to have good leadership potential, and the judges consider her to be a worthy recipient of the award.

Poster Presentations:

Factory posters

General comments:

Only two posters were presented, and neither presented work that was new or innovative, both being evaluations of procedures or instruments in factories. Hence, no prize should be awarded.



ISSCT Congress 2007

REGISTER NOW FOR ISSCT 2007

The early bird rates close on Thursday 30th November 2006.

Go to <http://www.issct2007.com>

Contact: Sonja@confco.co.za

Tel: Sonja Cadman of The Conference Company on +27-31 3039852

Fax: +27 31 3039529

ISSCT Congress Programme

Three Plenary Sessions have been planned for Congress: Better Management Practises, The Potential of Sugarcane for 2020 and Marketing of Sugar with three keynote speakers for each Plenary.

Local speakers are well represented in the Plenary Sessions. Congress delegates will have the privilege of being addressed by Dr Bob Scholes (CSIR Research Fellow, South Africa), an expert on climate change and global warming. Dr Scholes will provide delegates with insights on the impact of global warming within the context of Better Management Practises. Dr Frikkie Botha (Director: SASRI) has been invited to address the Congress on his vision for the production of alternative products from sugarcane while Mr Quinton Hildebrand (International Marketing Director: SASA) will provide his expert economic commentary in the Marketing of Sugar Plenary.

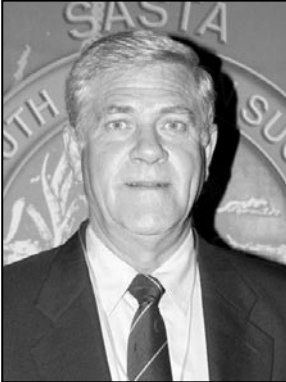
On the international front delegates can look forward to quality presentations by Mr Marcelo Bellodi (Industrial Director: Usina Santa Adélia, Brazil) on Better Management Practises in the Factory and Dr Graham Kingston (Principle Scientist, BSES) on Better Management Practises in the field. Former SASTA President, Dr Peter Rein (Head: Audubon Sugar Institute, Louisiana State University) will also be presenting in the plenary session, The Potential of Sugarcane for 2020. Other exciting international speakers are in the process of being secured.

Programme draft supplied by Deborah Sweby



AWARDS 2005

Outgoing SASTA president Stanley Munsamy presented the prizes to winners from Congress 2005 at the 2006 AGM on 19th July 2006.



**Kynoch prize
joint winners**

**Eddie Meyer (and Peter Lyne
and Russel Herbert)**



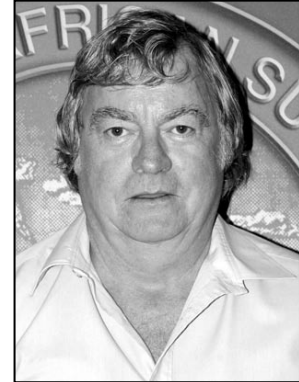
**Kynoch Prize
joint winners**

**Maurits van den Berg (and
Marc Smith)**



**Special Commendation in
Kynoch Category**

Ruth Rhodes



Agriculture Poster prize

**John Neen
(and Marc Smith and Abraham
Singels)**



Talbot –Crosbie prize - Leon Smith receives his prize from SASTA president, Stan Munsamy

SASTA Council 2006/2007

President: Paul Schorn (Tongaat-Hulett Sugar Limited)

Vice-President: Deborah Sweby (SASRI)



Council members: Roger Armitage (Canegrowers)

Carolyn Baker (SASRI)

Stephen Davis (SMRI)

Janice Dewar (SMRI)

Kathy Hurlly (Canegrowers)

Dave Meadows (Tongaat-Hulett Sugar Limited)

Adri Mehl (SASRI)

Stanley Munsamy (Illovo Sugar Limited)

Suroshan Naidoo (Private farmer)

Barbara Schoonees (SMRI)

Adrian Wynne (Canegrowers)



EXHIBITION STAND AWARDS 2006

SASTA is very appreciative of the effort and outlay that the exhibitors make each year for Congress. SASTA presented prizes for exhibition stands for the first time this year – a move that was welcomed by the exhibitors who all put many hours of work and effort into making their stands attractive, informative and of service to the delegates. The judging panel this year was composed of three judges, one from the Exhibition industry, one from the Conferencing industry and one from the Sugar Industry.

The criteria used in judging to a total maximum of 1200 points were:

Overall Visual Impact: 200

Relevance to the Sugar Industry / understanding of the "Sugar" business: 200

Spaciality (use of space on the stand, traffic flow, functionality): 100

Lighting effects (creating ambience, focal areas, etc): 100

Exhibitor branding and company identification and presentation: 100

Stand Building and furnishing structure finishes, functionality and neatness: 100

Product Information (pamphlets, promotional materials, multimedia info): 100

Creativity and Innovation in presentation of product: 100

Graphics use to highlight products/services: 100

Quality of representation at the stand by company staff: 100

The winner of the BEST STAND was Donaldson Filtration Systems. The two HIGHLY COMMENDED runners up were LASEC and ABB South Africa.



Donaldson Filtration Systems stand: Jaco Strydom and Deena Kasavelu



Lasec stand: Daniel Govender and Lillian Klopper



ABB South Africa stand: Steve Slater, Oomesh Maharaj, Kamalan Chetty and Eric Hartwell

Honorary Membership

conferred on two long-serving SASTA members



Bernard Ravno has been an active member of SASTA for more than a quarter of a century, donating his boundless energy, enthusiasm, intelligence and charismatic leadership to SASTA affairs.

Bernard has a deep understanding of both sides of the sugar industry, having experienced

both Factory and Agricultural issues. During his tenure as SMRI Director he recognized that cane quality was an important issue, and enabled research and development programmes to quantify effects of cane quality parameters on costs and efficiencies of sugar manufacture. Bernard later served as Technical Director of Illovo Sugar Limited. He still continues to play an active role in industrial quality issues. The fact that he served as Chairman of the SASRI Committee for 23 years and of the SMRI Committee for 6 years bears testament to his ability to integrate the overall picture from agricultural, factory and business aspects.

Bernard served on SASTA Council for 25 years, among them as Vice President in 1981/2 and 1982/3, and as President from 1983/4 to 1986/7. Having turned down a re-nomination to Council in 2004, SASTA still receives nominations for him every time the Council nomination forms go out.

Bernard won a SASTA gold medal in July 2002 for his visionary contribution to sugar industry technology, by playing a major role in the developments and application of technology in both the factory and agricultural sectors. He is still involved in SASTA work by serving on the ISSCT Congress 2007 organising committee, and his wise advice is greatly appreciated.



Eddie Meyer joined SASTA in 1973 when he joined the staff of SASRI to work in the field of Mechanisation Management in the sugarcane industry. Eddie was part of the organising team for the industry's biennial Sugar Mech show and he was the sole organiser from 1984 till 1992. Eddie is a member of six professional societies, including

SASTA and ISSCT, for which he has organised a number of workshops, both local and international, as well as seminars and SASTA visits. His contribution to the international sugar industry is noteworthy. He has been a member of the ISSCT Agricultural Engineering Section Committee since 1990 and from 1999 until 2005 was Chairman of that section. In that capacity he organised the highly successful ISSCT Agricultural Engineering Workshop that was held in South Africa in 2003.

During the last ten years Eddie has focussed his efforts on research, where he has been involved in ten major research projects. He is author of three articles in the International Sugar Journal, 17 in the South African Sugar Journal and he has also authored many other popular articles. Eddie has also authored six papers in the Proceedings of the International Society of Sugar Cane Technologists and 36 papers in the Proceedings of SASTA. He has received four awards for the high quality of his papers at SASTA congresses.

Eddie served on SASTA Council from 1998 until 2003. In 2005 Eddie was awarded the SASTA Gold Medal in recognition of his many technological contributions to the sugar industry in the field of mechanisation management.

Immaculate attention to detail and intense thoroughness resulted in all the field trips and workshops that Eddie organised running like clockwork. Now retired from SASRI, Eddie gave everything to his work and the industry - the only way you knew Eddie was "on leave" was that he wore shorts to work! Through his numerous contributions, all performed to his personal exacting standards, Eddie has become one of the best known and most highly regarded members in the sugar industry. The award of Honorary membership of SASTA is long overdue.

ISSCT partial subsidy for FULL SASTA MEMBERS who present a paper at ISSCT 2007.

SASTA will fund the gap (R6 300.00) between the "normal" SASTA Congress fee (about R1 500.00) and the early-bird ISSCT 2007 Congress registration fee (R7 800.00) for those paid-up FULL SASTA members who have submitted papers/posters, have them accepted, and present the paper at ISSCT 2007 Congress in Durban.

Note: This partial subsidy will not cover traveling, accommodation, ISSCT membership, nor any pre or post Congress tours.

Should you wish to apply for/claim this subsidy, please email or fax the SASTA office, letting us know your name and contact details, and the title of the paper that was accepted by the permanent editor.

Early bird registration closes on 30 November 2006!



ISSCT – The Conference in 2007 – why so expensive?

An international conference in your own back yard is always an exciting opportunity and the ISSCT 2007 will certainly be no exception. During the SASTA AGM this year Jan Meyer asked the question about why, when we have all enjoyed an ICC/SASTA Conference at R1000-R1500 per person, was the international conference going to be R7 800 per person? I have to admit that I never really answered the question and feel that a more detailed explanation is required.

The planning for this international conference began in July 2004 with the submission to SASA for bridging finance for the event. We secured the bridging finance towards the end of 2004 but still needed to secure the Bid at the ISSCT Conference in Guatemala in January 2005. As we prepared our Bid, with the assistance of Conference Company and the ICC, it looked like there would be competition for the congress, and it was important therefore that our Bid be the best. Remember also that the memory of the South African Bid had to stay alive in the mind of congress delegates for the next three years!

The cost of this pre-congress marketing, the visit to South Africa by the ISSCT Executive and Technically Planning Committee in March 2006, marketing of the conference through brochures, a dedicated web site and a marketing trip to China to the IAPSIT Conference to encourage Asian Scientists and technologists to come to South Africa in July 2007 will cost R2 million.

Safety was a major factor deliberated by the ISSCT Executive while they were deciding whether South Africa could host the 2007 conference. We agreed that we would shuttle delegates from and to the airport and transport delegates to the ICC on a daily basis. This service comes at a cost of R1.03 million.

Attracting the Spanish-speaking South Americans to the congress required a commitment to translating the plenary and opening sessions at a cost of R0.5 million.

Associated with the congress management were dedicated audit functions, setting up a company to manage the event and exhibition, engaging a professional conference organizer and insurance against cancellation of the congress. This category is costing in total R1.5 million. Further costs of R0.6 million will be incurred in paying the costs of international-calibre guest speakers.

The above items, none of which are required by SASTA for its annual congress, total R5.63 million. The rest of the costs are ones that SASTA would have to consider albeit on a smaller scale. These include the venue hire, local activities, technical equipment, and Proceedings.

I hope that this has helped you understand why the ISSCT is going to be more expensive to attend.

Understandably, the congress organizing committee and SASTA

Council have been looking at ways to help you attend ISSCT. We have been successful in bringing some relief to the individual registration fee while still ensuring that all delegates pay the full fee. Firstly, we have raised R500 000 from the Department of Science and Technology to be used by SASRI, SMRI and their collaborators to support (young) black scientists to the conference and also to assist with some SADC scientists' attendance. All that these institutions will have to do is to fund the "normal" SASTA registration fee (R1500) and the DST funding will be used to fund the balance (R6 300 pp).

Secondly, SASTA Council has offered a similar scheme to SASTA full members who present papers at ISSCT 2007. Those who have had an abstract accepted by ISSCT will have their registration fee supported in the same way as for the DST scheme.

Initiatives are also underway to sponsor new farmers' attendance. In this way we hope that as many of you as possible will be able to attend.

Article written by Kathy Hurlly (Chair of ISSCT 2007 Congress Organizing Committee) – edited DM

SASTA STUDENT AWARDS 2007

Call for nominations

SASTA considers two awards: one each from the factory and agricultural sectors.

The awards will be made for outstanding postgraduate research as demonstrated by:

- A successfully examined dissertation that has given rise to internationally recognised publications or patents; and
- A motivation that details the relevance of the work to the sugar industry.

Prizewinners will be expected to present their findings at the forthcoming SASTA workshop or AGM.

SASTA Council will appoint a representative committee to appraise the nominations as required.

Send your nominations to: SASTA, Private Bag X02, Mount Edgecombe 4300 or deliver them (mornings only) to SASTA office, SASRI, 170 Flinders Drive, Mount Edgecombe.

Each nomination must be accompanied by (1) contact details (postal, telephone and email) of the nominee, (2) contact details of the nominator, (3) a copy of the dissertation, (4) proof of the successful examination of the dissertation, and (5) the motivation.

Closing Date: 1 March 2007

Enquiries: sasta@sugar.org.za



SASTA FIELD TRIP to the KZN Midlands

Thursday 2nd November 2006

09:15 Meet at Noodsberg Mill Gate for Demonstration of Chopper harvesting and baling near Noodsberg with NMF

11:30 SASRI's Bruyns Hill Research Station – an overview of the Midlands Plant Breeding selection programme

13:15 Lunch braai at Noodsberg Country Club

Cost: R100.00 (Incl VAT) per SASTA member taking own/shared transport

R170.00 (Incl VAT) per non-SASTA member taking own/shared transport

R240.00 (Incl VAT) per SASTA member needing bus/taxi transport from SASRI

R320.00 (Incl VAT) per non-SASTA member needing bus/taxi transport from SASRI

Booking a place: Reply with the required details to sasta@sugar.org.za or TEL Danny on 031-5087543 or fax the attached table duly completed to FAX: 031-5087420 to receive an invoice and bank deposit details. If you need your VAT number reflected on your invoice, let me know your VAT number.

Closing Date: Booking and payment must have been done by 27th October 2006, and proof of payment sent to Danny Macdonald by fax or email.

Name	
Tel number (office hours)	
Tel number (cell)	
Email address	
Fax number	
Are you a SASTA member – what is your SASTA membership Number?	YES [] / NO [] If YES, give membership number _____
Do you need bus/taxi arranged for you?	YES [] / NO []
Are you prepared to offer other members a lift in your vehicle? (You can make your own arrangements with them for sharing fuel costs etc. – I will just put you in touch with each other)	YES [] / NO []
If looking to share lifts, what area are you driving from/looking for a lift from?	
What is your VAT reg number (for the invoice if applicable)	

