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SACI NEWS

Much has happened this past month within the SACI organisation. We now have a new President and some new faces on the Executive committee. Simon Lotz spells out his vision of the Society during his term of office. The ACS-SACI links have been strengthened by the visit of Dr Marinda Wu to INORG2013. A report on this visit and theINORG2103 conference is given in the Newsletter. The various ACS delegates/speakers to SA (8 in all) resulted in substantial interactions between SA chemists and their ACS counterparts. The four ACS on campus /Scifinder workshops organised by the ACS also attracted large numbers of participants.

Many SACI events will also take place later this year with the major event being the SACI Convention to be held in the first week of December in East London. We hope to see many of our members at this event.

15 Neil Coville

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SACI office: KZN address

Below are listed the new details for our SACI Head Office

Laila Smith; SACI, School of Chemistry and Physics

University of KwaZulu-Natal, Westville Campus, Private Bag X54001, Durban 4000

Tel: 031- 260 8756 Fax: 031 260 3091 saci@ukzn.ac.za





School of Chemistry University of Kwazulu Natal Private Bag X54001 Durban 4000 Tel: 031 260 8756 Fax: 031 260 3091 www.saci.co.za Email: saci@ukzn.ac.za

From the President's desk



Challenges and Opportunities

In life organisations and individuals have to be able to face problems, tackle challenges, create opportunities and celebrate successes. Progress and prosperity follow if problems are seen as challenges and challenges are transformed into opportunities and the resulting successes are celebrated modestly.

Due to strong and creative leadership over many years I am fortunate to lead the South African Chemical Institute at a time of challenges and opportunities. Presently there are many opportunities for the Institute and its individual members. Partnerships with the Royal Society of Chemistry (RSC), the American Chemical Society (ACS) and the Federation of African Chemical Societies (FACS) are in place and have or will still benefit our members in the near future. We are very proud of our International links. A delegation of the American Chemical Society, including the President of ACS, Dr Marinda Wu, attended our recent and very successful combined Inorganic and Carman Meeting at UKZN. The delegation also brought with them ACS on Campus which was held at UKZN and WITS and was especially beneficial to our senior students and younger colleagues (see reports elsewhere in this newsletter). Many other opportunities exist, such as the participation at our upcoming SACI National Convention in December in East London, other meetings and Conferences in 2014, participation in local and divisional committees, the annual SACI Awards, our newsletter, a very effective administration office (now at UKZN), to name but a few. It will be unwise not to recognize challenges and pay special attention to it in the immediate future. These include ways to increase our membership (presently just over 1000 members), improve our financial position (only breaking even), find ways to deal with an enormous growth in the number of manuscripts submitted for publication to the South African Journal of Chemistry and the resulting technical and financial strains and implications (up from ca 200 to over 1000 in the last year), etc. We will also have to face and deal with rules and regulations of the Natural Scientists Professions Act to have the profession of Chemists registered under SACNASP. Whatever way you look at it exciting times and hard work are ahead of us.

On behalf of all our members I wish to acknowledge and thank Werner van Zyl and the organising committee for a job well-done by putting together an excellently organised Inorganic and Carman Conference at UKZN. This was the largest number of delegates (3 short of 200) in the history of this event to attend, showing that bigger is better. Also to James, Neil and Werner for taking care of the ACS delegation and ACS on Campus.

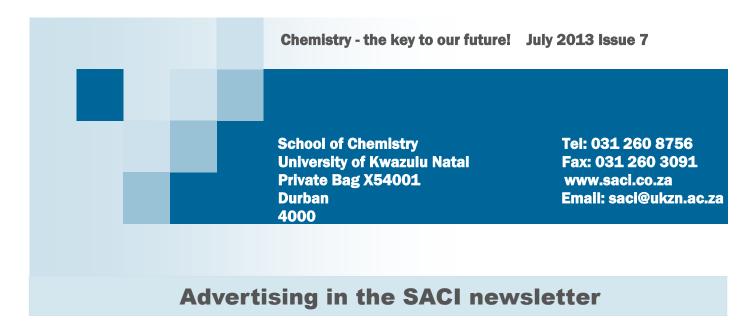
Lastly, congratulations to our first fellows of the South African Chemical Institute which were announced at our recent AGM meeting.

Simon Lotz



Your partner in electrochemistry represented locally by





The newsletter provides a means of getting messages to our membership. Currently the SACI membership stands at over 1000. This newsletter thus provides a means of advertising employment opportunities, conferences and workshops, and even for companies/Universities to promote themselves.

We encourage members to use the Newsletter for advertising purposes.

All SACI related conferences and events are advertised for free; if not a SACI related event there could be a small charge.

For advertising costs contact Laila at the SACI office

INORG2013 Report

The 16th South African Chemical Institute (SACI) Inorganic Chemistry Conference (INORG2013), incorporating the Carman Physical Chemistry Symposium, recently held at the Elangeni in Durban, has come and gone. The conference showcased 3 Plenary, and 10 Keynote addressed, together with over 30 oral presentations that included many senior students. A significant number of speakers from the US and UK and elsewhere gave INORG2013 a distinct international flavour. There were also 120 poster presentations of which the top-three received cash prizes. The INORG2013 conference also introduced two firsts: Flashtalks, whereby speakers are given a 5-minute opportunity to summarize their posters which follows the session; and an Award Certificate given to the University that shows up with the "Biggest Delegation", this year won by UFS. The only rule here is that the winning university cannot reside within the host province. I hope these two events started a tradition that will continue. INORG2013 covered all branches of inorganic chemistry, including coordination chemistry, organometallic chemistry, bioinorganic chemistry, catalysis, several aspects of physical chemistry and increasing sessions allocated to nanomaterials and green chemistry. The Inorganic/Physical Chemistry symbiosis seemed to work quite well, and I am sure will continue. Another highlight of INORG2013 was the signing of a Memorandum of Understanding (MoU) between the ACS President Marinda Wu and the immediate-Past President of SACI, James Darkwa. This MoU is intended to catalyze close cooperation between the ACS and SACI over the next 3 years. The conference was attended by 191 delegates. I wish to thank everyone for attending and making the occasion memorable.

Werner van Zyl, INORG2013 Chair







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INORG2013 Report



Opening (Werner van Zyl)



Signing of MoU (Prof James Darkwa and Dr Marinda Wu)



Poster session





Chemistry - the key to our future! July 2013 Issue 7

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ACS on campus events - report

Two ACSoncampus events were held in SA during July. The events, held in Durban and Johannesburg both attracted about 120 delegates. The events covered a range of topics relating to publishing in ACS journals, getting a job, Chemworx and Scifinder. The ACS sent two ACS editors (Prof Gladyz, Rogers) and ACS staff (Drs Rogers, Miller and Haubenreich; Mr's Brown and Thomas) to give the course. Thomas Haubenreich also gave the courses on *Scifinder* the day after the *ACS on campus* events at both venues. Local chemists also formed part of a round-table group, to give their experiences in the job market in SA. Reports from attendees were positive. All went smoothly at all four events.

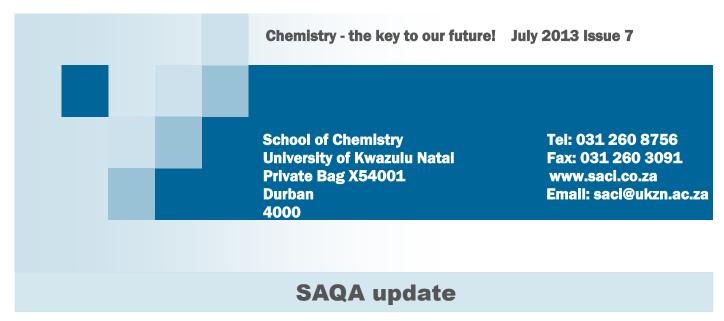
The photo below shows some of the delegates at the Johannesburg event; many lunch time stragglers are missing J. The ACS visitors are mostly seen in the front row (TH in second row; white shirt; RB – the photographer).



ACS on Campus event held at Wits







The votes are still trickling in. We hope to have the count finalized by the next newsletter. If you have NOT voted yet – please do so. We have to have 25% of the members vote to validate a constitution change

Neil Coville and Mike Booth; 26th June 2013

List of SACI Fellows

At the SACI AGM held at the end of June the following SACI Fellows were approved

SACI Fellows

Prof James Darkwa Prof Tony Ford Dr Ian Bratt Ms Suzanne Finney Prof Helder Marques Prof Jo Michael Prof Neil Coville Mrs Hannalien Meyer

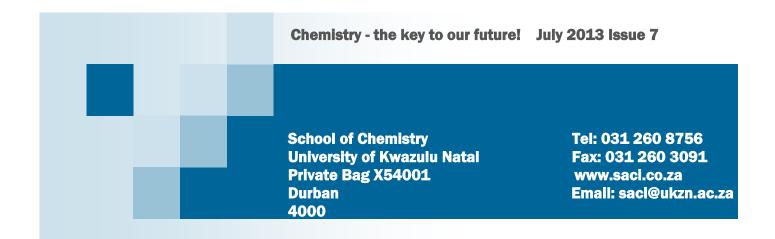
The awards will be given out at appropriate SACI events to be held during 2013/2014

RSC News

- The annual combined RSC-SACI dinner was held at Wits University on July 5th. The guest speaker was Prof Paul O'Brien, FRS (HOD, University of Manchester). Paul gave an entertaining talk entitled " *Of Chemists, Chemicals and Chemistry*". At the event 6 RSC members were presented with gold pins for 40 + years of RSC membership.
- Ian Bratt (SACI member) who Chair's the RSC SA North branch has been recognised by the RSC for his service to the RSC. "I am very pleased to let you know that RSC Council at its meeting yesterday unanimously agreed that you should be invited to accept an Award for Service to the RSC. This Award is in recognition of your long and valuable contribution to RSC activities in South Africa. If you agree, the RSC President, Lesley Yellowlees, would like to present the medal to you at the RSC Prize Ceremony during the RSC General Assembly Dinner which will be held on Friday 8 November in Brighton." Well done Ian!



CORR-SERVE —



ACS News

The MOU between the ACS and SACI was signed in July 2013 at INORG2013. One of the outcomes of this MOU will be the creation of an ACS Chapter in South Africa. To achieve this, 25 ACS members who reside in SA will need to give their support to the venture. Prof Charles de Koning has agreed to coordinate this venture. By now all ACS members will have been contacted by the ACS office about this initiative. If you have not done so and support the venture – please contact Charles: Charles.DeKoning@wits.ac.za

Prof Jimmy Bull steps down as Scientific Editor of Pure and

Prof Jimmy Bull, a former SACI President, will step down "as scientific editor of Pure and Applied Chemistry at the end of 2013 after serving faithfully and with distinction since 2002".

Taken form Chemistry International, May-June 2013 p7

SACI scarves and ties

The SACI scarves (for women) and ties (for men) are now available from Laila in the SACI office. Cost of either is R100 (+ postage). Examples are shown below.





CAIA Newsletter

The latest issue of CAIA news i.e. **Issue 126 June 2013**, is available. Go to: <u>www.caia.co.za</u> or <u>http://www.caia.co.za/events.php?cat=n&pg=23</u> (events) or *e-mail:* <u>caia@iafrica.com</u>

Short Courses/Workshops

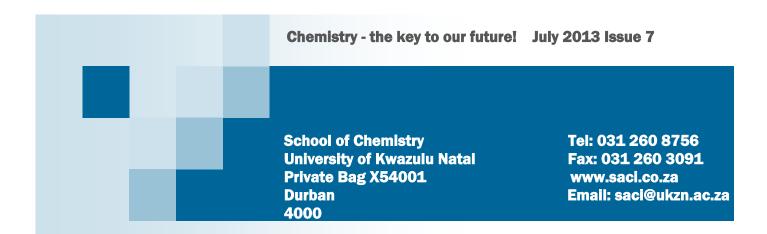
GC-MS WORKSHOP: Fundamentals of GC and Electron Ionization Mass Spectrometry: From Instrumentation to Spectra Interpretation; 2-6 September 2013. Jomo Kenyatta University of Agriculture & Technology, Nairobi, Kenya

Tel: 254-(0)20-4446140; E-mail: <u>pacn@uonbi.ac.ke</u>; Web:

www. panafricanchemistrynetwork.com

- ICTP Regional workshop on Materials for Solar Energy Conversion. 4th-8th November, 2013. iThemba Labs, Western Province.
- **South African Nanoscience and Nanotechnology Summer School** 24 Nov 29 Nov 2013. The vision for the South African nanoscience and nanotechnology school is to create a pool of nanoscientists sufficiently trained to conduct nanoscience research. The theme for 2013 is "Nanotechnology: Impact on water treatment and the environment" The school will focus on training emerging Masters, PhD and experienced scientists. The school will bring together experts in the field (local and international) to present courses, covering topics on water filtration and adsorption, and the impact of nanotechnology on the environment. Participants will have an opportunity for hands-on simulation on instruments used. Discussions and debates will be conducted around other issues related to the theme. Registration commences on: 1 July 2013; Early registration: 30 September 2013; Registration deadline: 31 October 2013. Further Information: Thereza Botha t: +27 (0)12 807 0869; School Organizer f: +27 (0)86 549 0184; e: thereza@technoscene.co.za





SACI and **SACI** related Conference events

i) National Convention of the South African Chemical Institute *SACI 2013* This event will be held in the Eastern Cape and coordinated by the Department of Chemistry and Chemical Technology at Walter Sisulu University. The location of the conference: Hotel Regent, East London; 1-6th December 2013;

Enquiries: SACIWSU2013@gmail.com **Venue**: Hotel Regent East London

Date: 1-6th December 2013



Extension of Deadlines

We are please to inform you that the deadline dates for abstract and conference registration has been extended due to demand from intending delegates and SACI members

New Deadline for Abstract submission: 15th August, 2013

New Deadline for Conference registration: 15th of September, 2013

You cannot afford to miss this conference as we promise to give you a proudly Eastern Cape hospitality in an academic setting.

> Be there, hurry to submit your abstract now! www.saciwsu2013@gmail.com

For more info visit www.saci.co.za





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SACI and SACI related Conference events

ii) 2nd Bi-national Organic conference BOCC-2013

2_{nd} Bi-national Organic Chemistry Conference BOCC-2013

SEPT. 29 - OCT. 4, 2013 IN TUTZING, GERMANY

Under the auspices of the German Leibiegs Society of Chemistry (GDCh) and the South African Chemical Institute (SACI)



INTRODUCTION

Organic chemists from South Africa and Germany have collaborated on research projects for years. This scientific cooperation has been very successful, as reflected by fruitful joint projects and the commitment of both the Liebig Society of Organic Chemistry (GDCh) and the South African Chemical Institute (SACI).

In 2008, the first Bi-national Organic Chemistry Conference (SACI-GDCh) took place in South Africa (Berg-en-Dal, Kruger Park). The success of this conference promoted scientist exchange (Humboldt, DAAD) and individual friendship, and provided a strong motivation for a follow-up symposium between the organic divisions of both chemical societies.

Against this background, a second conference (BOCC-2013) will take place in Europe's autumn this year. The chosen conference venue is the Evangelische Akademie Tutzing, beautifully located at the shore of Lake Starnberg, not far from Munich and well-connected to the international airport of Munich via S-Bahn.



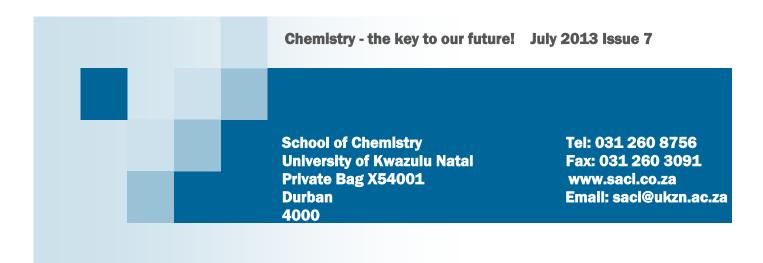
iii) Others

• The 1st African Conference on Research in Chemistry Education [ACRICE-1] will be organized by Addis Ababa University under the auspices of the Federation of African Societies of Chemistry [FASC] from 5 to 7 Dec 2013 in Addis Ababa, Ethiopia. temechegn@gmail.com. Conference Main Theme: Chemical Education for Human Development in Africa. Visit the FASC website: www.faschem.org.

At the occasion of the celebration of the 50th Anniversary of the African Union, ACRICE-1comes to bring together university staff members, chemistry educators and chemistry teachers from across African continent and the world at large and provide a unique pan-African forum for the sharing ideas and new findings to solve education problems in African countries. Participants will examine a wide range of pedagogical best practices that address local and global issues in educating African students for total quality in the global age.

- **Microscopy Society of Southern Africa 2013**. 3rd-6th December 2013. Farm Inn, Pretoria. The MSSA conference has the website http://www.soafrica.com/MSSA/ and will be joined in the conference this year by SASS (www.saspectroscopy.org).
- NanoAfrica conference. 30 March 2 April 2014 Vaal University of Technology (VUT) Vanderbijlpark. For details contact: makwenaM@vut.ac.za

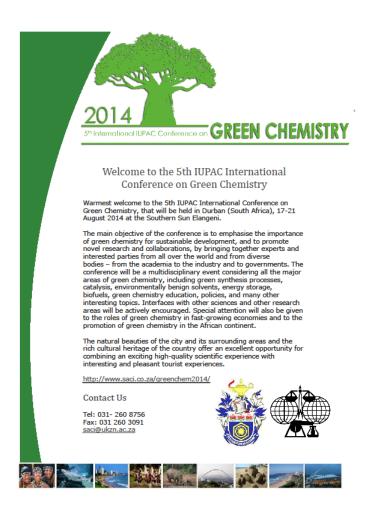




SACI and SACI related Conference events

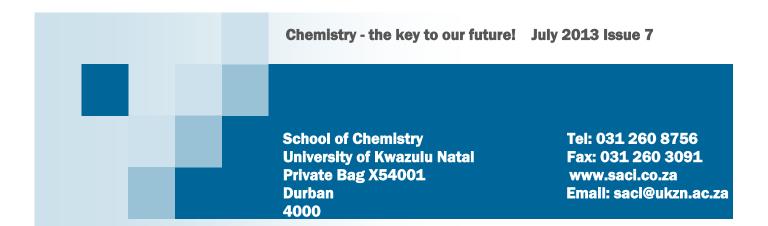
iii) Others

• 5th IUPAC International Conference on Green Chemistry
To be held in Durban at the Southern Sun Elangeni Hotel, 17-21 August 2014;
http://www.saci.co.za/greenchem2014









SACI and SACI related Conference events

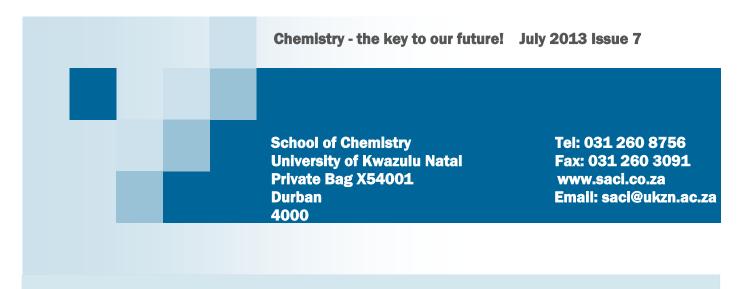
iii) Others

• CATSA2013 Catalysis Society of SA annual conference. 17th-20th November 2013, Wild Coast Sun near Port Edward, www.catsa2013.ukzn.ac.za









Conference List

- XXVI Int Conf on Organometallic Chem July 13-18 2014, Sapporo Japan <u>icomc2014@ec-pro.co.jp</u>
- "MMM2013: 15th IFAC Symposium on Control, Optimization and Automation in Mining, Mineral and Metal Processing" and it will take place from August 25th to 28th 2013. The symposium is being organized by FLOGEN STARS OUTREACH and will be held in the Hyatt Regency Mission Bay Spa & Marina in San Diego, California, USA. Contact: Dr. Florian Kongoli (fkongoli@flogen.com). http://www.flogen.org/MMM2013. http://www.flogen.org/MMM2013/
 Download/Call For Paper.jpg
- "Shechtman International Symposium" June 29 to July 4 2014. Fiesta Americana Condesa Cancun All Inclusive Resort in Cancun, Mexico. http://www.flogen.org/ShechtmanSymposium.
- An International Workshop on Microsystems Technologies for African Health South Africa, Micro-Med-A 2013, 11 13 September 2013 at Kwa Maritane Bush Lodge, Pilanesberg National Park. http://www.micromed2013.co.za/



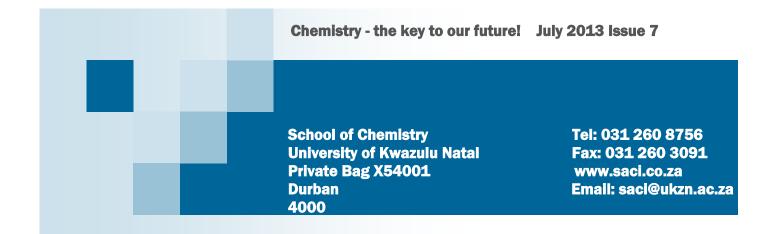


Extra Events (taken from CAIA newsletter)

- 6th International Conference on Green & Sustainable Chemistry, 4-7 August 2013, University of Nottingham, United Kingdom. Contact: Helen Carson, E-mail: helen.carson@nottinghamn.ac.uk
- Fundamentals of Energy Management Training coming to Freestate, 13-15 August, 2013, Bloemfontein. Contact: Thieda Ferreira/Lydia Marais: Tel: 076 401 3881/2; E-mail: info@entf.co.za
- Fan System of Optimisation 2-Day Advanced Training Participation in the Industrial Energy Efficiency Project, 15-16 August 2013, KZN; 19-20 August 2013, Port Elizabeth; 26-27 August 2013, Western Cape. Contact: P Mogopudi, E-mail: PMogopudi@csir.co.za
- Smart Manufacturing Forum, 19-20 August 2013, The Hyatt Regency Hotel, Rosebank, Johannesburg. Contact: Mantwa Tladi, Tel: 011 771 7232; Fax: 011 880 8260; E-mail: registrations@iir.co.za
- Industrial and Commercial Use of Energy Conference, 19-21 August 2013, Vineyard Hotel, Newlands, Cape Town. Contact: Anneke de Klerk, Nadia Cassiem, Tel: 021 460 3660; Fax: 021 460 3728; E-mail: icue@cput.ac.za
- Introduction to Occupational Health & Safety Management: An overview of principles, tools and issues, 19-23 August 2013; Centre for Environmental Management, North-West University (Potchefstroom Campus). Contact: Theresa Bowen, Tel: 018 299 2714; Fax: 018 299 2726; E-mail: Theresa Bowen@nwu.ac.za
- Integrated Water Resource Management in the context of SA Legislation, 26-30 August 2013, Centre for Environmental Management, North-West University (Potchefstroom Campus). Contact: Theresa Bowen, Tel: 018 299 2714; Fax: 018 299 2726; E-mail: Theresa Bowen@nwu.ac.za
- Compressed Air System Optimisation 2-Day Training Participation in the Industrial Energy Efficiency Project, 26-27 August 2013, Durban; 28-29 August 2013, Port Elizabeth; 10-11 September 2013, Pretoria. Contact: S. Rowles, Tel: 012 841 2519; Fax 012 841 5039; E-mail: srowles@csir.co.za
- 6th SA Innovation Summit, 27-29 August 2013, IDC Conference Centre, Sandton. Contact: Tel: 012 844 0674; E-mail: info@innovationsummit.co.za
- ICIF China 2013 (China International Chemical Industry Fair), 4-6 September 2013, Shanghai World Expo Exhibition & Convention Centre, Shanghai, China. Contact: Yan Liu, E-mail: liuyan@ccpitchem.org.cn. www.ccpitchem.org.cn www.icif.org.cn
- PLASTEX 2013, 6-9 September 2013, Cairo International Convention & Exhibition Center, Cairo, Egypt, Contact: ACG-ITFiro, Egypt, Tel: +20 2 275 38401, E-mail: info@acg-itf.com







Extra Events (taken from CAIA newsletter)

- FO Licht's Sugar & Ethanol Africa 2013: Conference, 10-12 September 2013, Southern Sun Elangeni and Maharani, Durban. Full details at: www.sugarethanolafrica.agraevents.com
- NOSCHCON 2013, 10-13 September 2013, Champagne Sports Resort, Drakensberg. Contact: Beatrix Lourens, Tel: 011 218 8000; 082 773 7595; E-mail: Beatrix@beatrixevents.co.za/noshcon@nosa.co.za
- IAIAsa 2013 Conference, 16-18 September 2013, Black Mountain Resort, Thab'Nchu, Free State. Contact: Claadin Kruger, Tel: 028 316 2905; E-mail: Kruger@kruger-associates.com; www.iaiasa.com/confeence-2013
- Legal Framework for Integrated Waste Management in South Africa, 18-20 September 2013, Centre for Environmental Management, North-West University (Potchefstroom Campus). Contact: Theresa Bowen, Tel: 018 299 2714; Fax: 018 299 2726; E-mail: Theresa Bowen@nwu.ac.za
- The 11th Global Conference on Sustainable Manufacturing, 23-25 September 2013, Berlin, Germany. Contact: Ina Roeder, Tel: +49 30 314 26865; Fax: +49 30 314 22759; E-mail: gcsm@mf.tu-berlin.de
- Low Carbon Earth Summit 2013, 26-28 September, 2013, Xian Qujang International Conference Centre, China. Contact: Tel: +86 411845 75689-858; E-mail: april@icesummit.com
- Viridis Africa Clean Technology Investment Summit, 15-16 October 2013; Killarney Country Club, Lower Houghton, Johannesburg. Contact: Suzi Adam, Tel: 011 880 0364; Fax: 011 788 3697; Cell: 082 789 9777; E-mail: suza.adam@spindlecommunications.com.
- ACI's World Elastomer Summit 2013, 16-17 October 2013, Lyon, France. Contact: Piotr Baziuk, Telephone: +48 616 469 780; E-mail: marketing@acieu.co.uk
- Continuity Management and Disaster Recovery, 17-18 October 2013, Crowne Plaza, Rosebank, Johannesburg. Contact: Lucian Sackim, Tel: 021 431 3008, E-mail: Lucians@marcusevansct.com
- Chem Expo Africa, 6-7 November 2013, Sandton Convention Centre, Johannesburg. Contact: Africa Agent, Kerry-Lee McCarthy, Tel: 012 993 0352; E-mail: kerryleemccarthy@quartzltd.com
- The 8th Annual 2013 SAEEC Convention, 13-14 November 2013, Emperors Palace, Gauteng. Contact: Erika Kruger, Tel: 082 428 7386; E-mail: convention@saee.org.za
- China Petrochemical Industry Forum 2013, 2-6 December 2013, Xiamen, Fujian Province, China. Contact: Mote Chan, Tel: +86 21 51705764; Fax: +86 21 57679411; E-mail: mote.chan@simbaevents.cn





Extra Events (taken from CAIA newsletter)

- China Petrochemical Industry Forum 2013, 2-6 December 2013, Xiamen, Fujian Province, China. Contact: Mote Chan, Tel: +86 21 51705764; Fax: +86 21 57679411; E-mail: mote.chan@simbaevents.cn
- 3rd Industrial Green Chemistry World (IGCW), 4-6 December 2013, Mumbai, India. Contact: E-mail: <u>Krishna.dave@newreka.co.in</u>
- 1st African Conferences on Research in Chemical Education, 5-7 December 2013, UNCC Conference Centre, Addis Ababa, Ethiopia. Contact: Dr Temechegn Engida, E-mail: Temechegn@gmail.com or info@faschem.org; www.faschem.org

