

School of Chemistry  
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Inside this issue:

## SACI NEWS

President News	2	A reminder that the SACI AGM will take place soon – Aug 7 <sup>th</sup> 2014 – so please
Advertising	3	diarise the date. The Executive has two year term and so the mid-term report by the
SACI scarfs and ties		President will give a sense of his achievements after one year in office. There are
SACI Section News	4	exciting developments underway – some do lose their ‘excitement’ as they drag
SACI2014 Awards	7	along (SAQA) but others build a life of their own (student reps at the Universities.
ACS News	11	ACS Chapter). Plans for the big three SACI conferences this year also continue on
IUPAC/PACN News		apace and we hope that many members will take advantage of these opportunities.
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## SACI office

The SACI office has now moved back to Wits. It is located on the 8<sup>th</sup> Floor of Gate House room 822. We will keep the UKZN e-mail address in operation till the end of the year. However, the new e-mail address will fortunately be the same as we had when the office was last at Wits.

Laila Smith  
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## Advertising in the SACI newsletter

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

## 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).

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## Membership Fees

As always at this time of year the annual SACI fees are reviewed and attempts are made to keep increases at or below inflation. Below is given a Table of the increases since 2008/2009.

As will be seen this year, increases are at about 5 % on average. Due to the enormous increase in the number of post doctoral fellows in SA this category will now be recognised; fees will be slightly more than charged for students.

Your accounts will be e-mailed/posted to you over the course of the next few weeks.

### SACI MEMBERSHIP FEES

Year	Patron	Company	Member	Associate	Married	Retired	Student	post docs
<b>2008/2009</b>	8%	17%	13%	13%		10%	50%	
	<b>6500</b>	<b>3000</b>	<b>450</b>	<b>225</b>	<b>225</b>	<b>110</b>	<b>75</b>	
<b>2009/2010</b>	15%	17%	11%	11%	11%	14%	13%	
	<b>7500</b>	<b>3500</b>	<b>500</b>	<b>250</b>	<b>250</b>	<b>125</b>	<b>85</b>	
<b>2010/2011</b>	13%	14%	7%	6%	6%	8%	6%	
	<b>8500</b>	<b>4000</b>	<b>535</b>	<b>265</b>	<b>265</b>	<b>135</b>	<b>90</b>	
<b>2011/2012</b>	6%	12%	5%	5%	5%	4%	5%	
	<b>9000</b>	<b>4500</b>	<b>560</b>	<b>280</b>	<b>280</b>	<b>140</b>	<b>95</b>	
<b>2012/2013</b>	5%	11%	7%	7%	7%	7%	5%	
	<b>9500</b>	<b>5000</b>	<b>600</b>	<b>300</b>	<b>300</b>	<b>150</b>	<b>100</b>	
<b>2013/2014</b>	14%	10%	5%	5%	5%	7%	10%	
	<b>11000</b>	<b>5500</b>	<b>630</b>	<b>315</b>	<b>315</b>	<b>160</b>	<b>110</b>	
% increase	9%	9%	5%	5%	5%	6%	9%	
<b>2014/2015</b>	<b>12000</b>	<b>6000</b>	<b>665</b>	<b>330</b>	<b>330</b>	<b>170</b>	<b>120</b>	<b>150</b>



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## SACI News

- The SACI AGM will take place on Thursday 7<sup>th</sup> August 2014 at the School of Chemistry, University of the Witwatersrand, Johannesburg. Please diaries the venue and date. Further details will be sent out later.
- The annual Gauteng SACI- RSC (North) Dinner will be held on August 29<sup>th</sup> 2014. More details alter. At this event the SACI Fellows certificates (2013 and 2014) for the Gauteng Branch members will be awarded.
- Alan Hutton is still looking for a suitable person to represent SA at the Committee of Chemical Education of IUPAC. Please contact him if interested in serving on the committee [alan.hutton@uct.ac.za](mailto:alan.hutton@uct.ac.za)
- Sector Skills Plan. Members wishing to access the Sector Skills Plan of the chemical industry can go to [www.chieta.org.za](http://www.chieta.org.za). Scan down to and click on CHIETA Download. At Chieta Download click on "Select Category". On the "pop up" click on Sector Skills Plan. First item is the Sector Skills Plan for 2014-2019.

## NSTF News

The finalists for the 2104 NSTF awards have now been announced. Congratulations to Dr Kenneth Ozoemena for his nomination in two categories.

*Ozoemena, Kenneth Ikechukwu - Principal Researcher and Research Group Leader, Electrochemical Energy Technologies, Energy Materials Unit, CSIR Materials Science and Manufacturing*

- **T W Kambule NRF-NSTF Awards: To an individual for an outstanding contribution to SET through research and its outputs over the last 5 to 10 years – sponsored by the National Research Foundation (NRF)**
- **To an individual or a team for an outstanding contribution to SET through research leading to innovation in a corporate organization or institution**

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## RSC News

### Researcher Mobility Fellowships for young researchers.

The RSC is offering Researcher Mobility Fellowships to fund scientific visits to the UK to strengthen research collaborations and networking. These are aimed at top young chemical scientists who wish to build relationships in the early stages of their career. Applicants at African Universities and research Institutions are eligible to apply for funding to travel to UK research organisations for scientific visits. Funding is available up to a maximum of **£15,000** and the deadline is **1<sup>st</sup> June 2014**. For more information regarding the same, kindly visit <http://rsc.li/researcher-mobility>.

Erick O. Awas, Administrator, PACN Kenya, Department of Chemistry, University of Nairobi, P.O. Box 30197, 00100, NAIROBI, Tel: +254 20 444 6140; Fax: +254 20 444 6140 Mob: +254 705 218 055

## IUPAC and related News

Don't forget the IUPAC Green Chemistry event (see advert elsewhere in the newsletter). The SACI Green committee is playing a prominent role in the organisation.

## FASC News

The National LOC for the Chemical Society of Nigeria (CSN) and the FASC Congress 2015 has been decided. The event will take place from 21<sup>st</sup> - 25th September 2015; Transcorp Hilton Hotel or New Chelsea Hotel in Abuja, FCT, Nigeria.

## ACS News

The BOCC conference will be held at Stellenbosch University from 30 Nov - 4 Dec 2014 and will involve organic chemists from SA and the USA. See advert below.

The ACS and the SA team (led by Prof Charles de Koning) have now created the Constitution for an ACS Chapter in SA. This will be recognized at the upcoming ACS meeting.

The SA ACS Chapter will be launched at the above meeting.

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## African Journals of Chemistry

- **South African Journal of Chemistry**

This Journal is published electronically. The webpage is: <http://www.saci.co.za/>

### South African Journal of Chemistry 1918-2014

As the South African Journal of Chemistry welcomes a new Editor-in-Chief, Gert Kruger, this is a good time to look back on some of the history of the Journal, and to take note of some of the major changes that have occurred in the last few years. SACI published its first journal in 1918 as the Journal of the South African Chemical Institute.

During the 1980s and 1990s the Journal had appeared as a quarterly publication with the last print issue being No.2 of volume 53, September 2000. At this point the publication costs of a print version forced the journal to move to an online format. Although there was initial resistance to this new format, its wider availability has proved popular. This is in fact a double-edged sword, on the one hand the citation rate and impact factor has improved but there has also been an exponential increase in submissions, particularly from North Africa, India and China.

Over the years the journal has had a number of editors/co-editors that include: Ken Murray (1948), Dr Mackenzie, Jimmy Bull, Alan Hutton, John Bradley, Neil Coville, Cedric Holzapfel, Bruce Rae, Koos van Staden, Wolfgang Meyer, Tony Ford and Graham Jackson. The new editor, Gert Kruger, will hopefully be confirmed at the next Council meeting.

From being almost exclusively a vehicle for the publication of South African authors' work in the early years, the percentage of local content has steadily decreased since the electronic format became established. By 2013, the percentage of papers submitted by South African authors had fallen below 25%. Happily the percentage of published papers that include a South African author is still above 50%. At the same time there has been a steady increase in the number of papers submitted each year, which has necessitated the appointment of several new subject editors. The journal now has editors for Organic Chemistry (3), Inorganic Chemistry, Physical Chemistry, Chemical Education, Nanotechnology and Computational Chemistry.

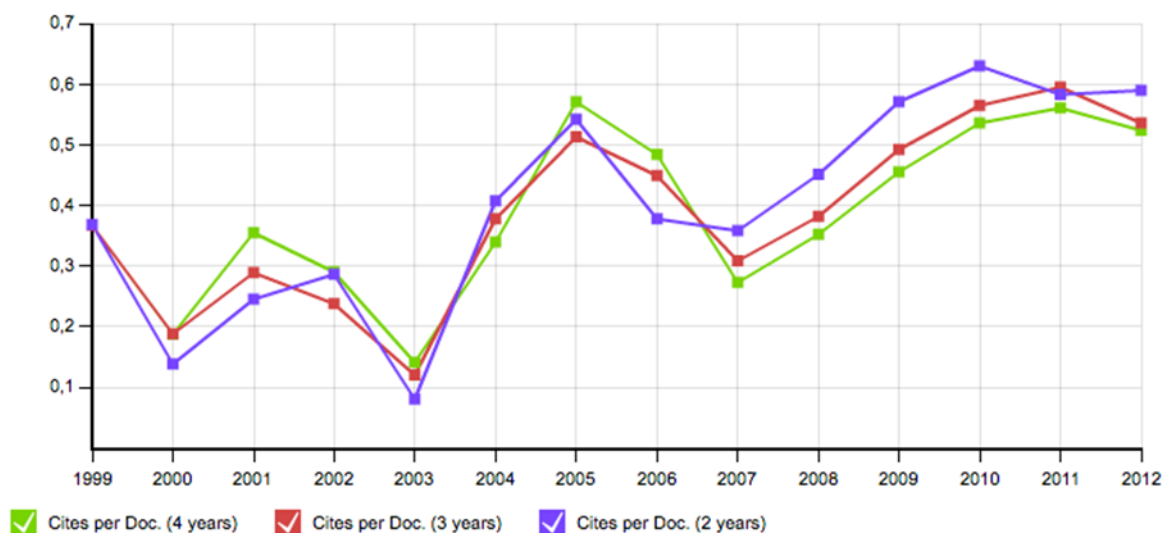
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## African Journals of Chemistry

Despite all the upheaval, the journal has retained its ISI accreditation with an improved impact factor. In 2011 the impact factor increase 42% to 0.567 which is just above the Russian Journal of Inorganic Chemistry. Below are some statistics taken from SCImago. As one can see, from 2007 to 2012, there has been a steady increase in the number of citations per paper.

Cites per Document in 2, 3 and 4 years windows



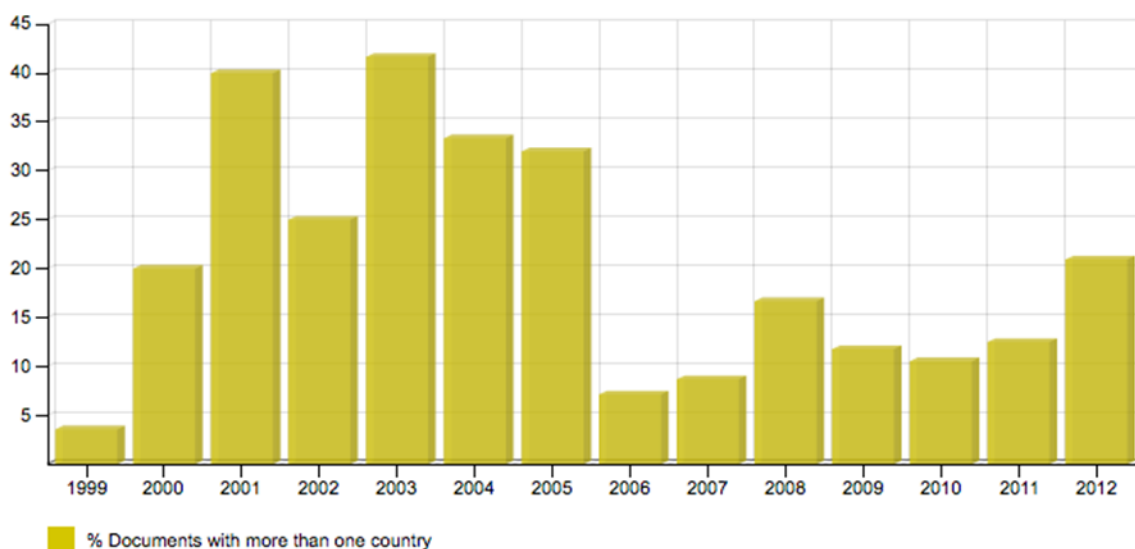
At the same time, papers in the journal have a significant international flavor. While the graph below does not represent the international diversity of the contributions, it does give an indication of the level of international collaboration.

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## African Journals of Chemistry

### International Collaboration



The growth in size of the Journal, and its accompanying international exposure, has not been achieved without a price. The big increase in number of submissions has placed a substantial burden on the system and in particular the subject editors. In 2013 there were a total of 547 submissions. Of those only 46 were published, which, while the highest number of papers every published in one year, is also the highest rejection rate. A new online submission system has been implemented to try and ease the load but it is still becoming difficult to manage. The continuing and future success of the journal requires the support of all South African chemists, both as a vehicle for publication of their research but also in help with the refereeing of papers.

Graham Jackson

May 2014



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## African Journals of Chemistry

- **African Journal of Pure and Applied Chemistry**  
African Journal of Pure and Applied Chemistry  
Table of Content  
Volume 8, Issue 4  
April 2014  
Submit manuscripts: <http://ms.academicjournals.me> ; Editorial Office: [ajpac@academicjournals.org](mailto:ajpac@academicjournals.org)
- **African Journal of Chemical Education**
- **Nanonews in South Africa**  
For those doing nanochemistry: SAASTA now produces a newsletter.  
[nanonews@npep.co.za](mailto:nanonews@npep.co.za). Prof Janice Limson, NPEP NanoNews Editor

## CAIA Newsletter

The latest issue of CAIA news i.e. **Issue 135 April 2014**, is available. Go to: [www.caia.co.za](http://www.caia.co.za) or <http://www.caia.co.za/events.php?cat=n&pg=23> (events) or e-mail: [caia@iafrica.com](mailto:caia@iafrica.com)

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## SACI and SACI related Conference events

### Analitika 2014

A committee has been formed to organise the Analitika 2014 conference in September. This will be the first time that the conference is arranged jointly by four SACI Divisions (the Analytical Division, ChromSA, SAAMS and ThermSA), as well as the SA Spectroscopic Society (SASS) and will cover all aspects of analytical chemistry. I have been asked to chair the organising committee. Dates: 7 to 11 September 2014; Venue: Khaya iBhubesi, Parys. Theme: Milestones in measurements. The first announcement for Analitika 2014 will be distributed soon.

Contact Patricia Forbes, [Patricia.Forbes@up.ac.za](mailto:Patricia.Forbes@up.ac.za) the chair of the scientific committee or Mike Britton Email: [mike.britton@necsa.co.za](mailto:mike.britton@necsa.co.za) for preliminary information



**ANALITIKA**  
2014  
milestones in measurements



**Confirmed plenary and invited keynote speakers**

Jan Anderson	University of Münster, Germany
Eder Cavalheiro	University of Sao Paulo, Brazil
Jack Cochran	Restek Corporation, USA
Graham Cooks	Purdue University, USA
Jan Åke Jönsson	Lund University, Sweden
Rina van der Westhuizen	Sasol, South Africa
Pat Sandra	University of Ghent, Belgium
Ralph Sturgeon	National Research Council of Canada

**ABSTRACT SUBMISSIONS**  
**close on 30 April 2014**  
[www.analitika2014.co.za](http://www.analitika2014.co.za)

**Second Announcement and Call for Abstracts**



**KHAYA IBHUBESI**

**CONFERENCE CENTRE**

*Analitika 2014 will be held from 7 to 11 September 2014 on the banks of the Vaal River at Khaya iBhubesi (Home of the Lion, [www.khayaconference.co.za/](http://www.khayaconference.co.za/)) on the outskirts of Parys, only 120 km from Johannesburg.*

Registration opens **7 April 2014**  
Final date for Abstract submission **30 April 2014**  
Notification to presenters **30 May 2014**  
Early bird Registration closes **1 July 2014**  
Last date for payment **1 August 2014**

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## SACI and SACI related Conference events

### BOCC 2014

# 30 NOV - 03 DEC 2014






**SACI - ACS**  
**Bi-national Organic Chemistry**  
*Conference 2014*  
STELLENBOSCH - SOUTH AFRICA

>>> INCORPORATING THE THIRTEENTH FRANK WARREN CONFERENCE

#### Confirmed American & South African plenary & invited lecturers

USA	SA	SA
V. Gevorgyan (University of Illinois at Chicago)	D. Beukes (UWC)	B. Klumperman (SU)
M. Kozlowski (University of Pennsylvania)	M. Bode (Wits)	J. Michael (Wits)
R. Sarpong (University of California at Berkeley)	K. Chibale (UCT)	T. Naicker (UKZN)
C. Forsyth (Ohio State University)	M. Davies-Coleman (UWC)	C. Nkambule (TUT)
E. Sorensen (Princeton University)	R. Hunter (UCT)	L. Pilcher (PU)
S. Snyder (Scripps Research Institute)	P. Kaye (RU)	R. Robinson (UKZN)
W. Jorgensen (Yale University)	D. Khanye (RU)	M. Vosloo (NWU)
J. De Brabander (UT Southwestern Medical)	K. Kaschula (UCT)	
J. Gervay-Hague (University of California Davis)		

#### DATES

31 Mar 2014	Start of preliminary registrations
30 June 2014	Last "Early bird payments"
31 Aug 2014	Abstract deadline
30 Sept 2014	Notification of acceptance of abstracts
31 Oct 2014	Last day for payments
30 Nov - 4 Dec 2014	<b>Conference!</b>

Please see our [website](http://academic.sun.ac.za/FrankWarren/index.html) for more information:  
<http://academic.sun.ac.za/FrankWarren/index.html>

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## SACI and SACI related Conference events

### 5<sup>th</sup> 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>

Warmest welcome to the 5<sup>th</sup> International IUPAC Conference on Green Chemistry

Where Durban (South Africa)

When 17-21 August 2014

Online registration and abstract submission <http://www.saci.co.za/greenchem2014/index.html>

**Deadline for abstract submission for posters: 31 July 2014**

**Oral submissions closed**

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A unique scientific experience

**Plenary speakers from different continents**

Peter Mahaffy (The King's University College, Edmonton, Canada):

**Educating for a Sustainable and Secure Planet**

Claudio José de Araújo Mota (Universidade Federal do Rio de Janeiro):

**Catalytic Conversion of CO<sub>2</sub>: From a Green House Pollutant to a Green Raw Material**

Bruno G. Pollet (South African Institute for Advanced Materials Chemistry):

**Hydrogen Energy for Africa**

Pietro Tundo (University of Venice, Italy):

**Chemistry Beyond Chlorine**

Tao Zhang (Dalian Institute of Chemical Physics, Chinese Academy of Sciences):

**Catalytic conversion of biomass to value-added chemicals**

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## SACI and SACI related Conference events

### 5<sup>th</sup> IUPAC International Conference on Green Chemistry

#### Scientific sessions

- **sessions** on all the key themes of Green Chemistry
- **joint sessions** with other areas: Environmental Chemistry, Polymer Chemistry
- a session on **sustainability and security**, organised by **OPCW**

#### Workshops

Peter Mahaffy and Alistar Hay (The King's University College, Edmonton, Canada):

##### **Choices for Chemists: Multiple Uses of Chemicals**

Mary Kirchhoff (ACS):

##### **Student Workshop on Green Chemistry**

Sivakumar Manickam and Prof Cravotto (University of Nottingham Malaysia Campus):

##### **Ultrasound based cavitation processes for green chemical processing**

#### Organising Committee

Prof Liliana Mammino	Chairperson
Dr Vincent O. Nyamori	Vice-chairperson
Prof Neil J. Coville	Scientific programme
Prof Teunis van Ree	Conference coordinator
Prof Bice S. Martincigh	Treasurer
Dr Mahlori Mashimye	Industry
Dr Alufelwi M. Tshavhungwe	Logistics
Ms Laila Smith	Secretary

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## SACI and SACI related Conference events

### Others

- **The International Conference on Pure and Applied Chemistry (ICPAC)** The biennial event organised since 2010. ICPAC-2014 will be held from 23<sup>rd</sup> to 27<sup>th</sup> June 2014, in Mauritius.
- **MAM-14**, 23-27 November 2014, Emperors Palace, Johannesburg. Enquiries may be directed to the DST/Mintek NIC office at E-mail: [secretariat@mam-14.com](mailto:secretariat@mam-14.com). Themes covered in previous MAM series will be retained while there is opportunity for new areas to be explored:
  - Industrialisation of nanotechnology
  - Nanotechnology education
  - Nanobiotechnology and biomedicine
  - Modelling and electronics
  - Risk assessment and regulation
  - Materials chemistry and analysis
  - Design and development
  - Material functionalisation
  - Macro- and supramolecular architectures

Nobel Laureates  
Presenting plenary talks at the conference  
Prof. Dan Shechtman:  
Nobel Laureate 2011 – Chemistry  
Prof. Robert Huber:  
Nobel Laureate 1988 – Chemistry  
Prof. Klaus von Klitzing:  
Nobel Laureate 1985 – Physics

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## Conference List

- **XXVI Int Conf on Organometallic Chem** July 13-18, 2014, Sapporo Japan  
[icomc2014@ec-pro.co.jp](mailto:icomc2014@ec-pro.co.jp)
- **Shechtman International Symposium** June 29 to July 4 2014. Fiesta Americana Condesa Cancun All Inclusive Resort in Cancun, Mexico. <http://www.flogen.org/ShechtmanSymposium>.
- **NANOCON 014** on Nanotechnology 14 – 15 October 2014, Pune, India – smart materials, composites, applications and new innovations. ( [www.bvunanocon.com](http://www.bvunanocon.com))
- **ICPAC-2014** 23<sup>rd</sup> to 27<sup>th</sup> June 2014, Mauritius. “Crystallising Ideas: The Role of Chemistry”  
<http://sites.uom.ac.mu/icpac/FER>
- **Test and Measurement 2014: conference and workshop**, 29<sup>th</sup> September - 1<sup>st</sup> October 2014, Misty Hills Conference Hotel, Muldersdrift, Gauteng, South Africa E-mail: [steves@nla.org.za](mailto:steves@nla.org.za), [www.nla.org.za](http://www.nla.org.za)ENCE
- **Smart Materials and Surfaces - SMS Bangkok 2014**; 26<sup>th</sup>- 28<sup>th</sup> August 2014, Sheraton Grande Sukhumvit Hotel, Bangkok –Thailand  
URL: [www.setcor.org/conferences/SMS-Bangkok-2014](http://www.setcor.org/conferences/SMS-Bangkok-2014); The Smart Materials and Surfaces International Conference and Exhibition - SMS Bangkok 2014 is a three days event targeting researchers interested in the Design, Modification, Characterization and Applications of Novel, Smart and Active Surfaces and Materials.
- **2nd Abuja International Conference on Science, Technology and Engineering**; 13-16 October, 2014 , FCT Education Resource Center, Abuja-Nigeria; For more information or clarification on any aspect of the Conference, please contact the secretariat, Professor M.O.N. Obagah, Tel: +2348035128849 ; email: [abujaconference@gmail.com](mailto:abujaconference@gmail.com)
- **Chemical Society of Nigeria (CSN) and the FASC Congress 2015**; 21<sup>st</sup> - 25th September 2015; Transcorp Hilton Hotel or New Chelsea Hotel in Abuja, FCT, Nigeria.

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### Extra Events (taken from CAIA newsletter)

- Biochemicals & Bioplastics 2014, 10-11 June 2014, Düsseldorf, Germany. Contact: Mohammed Ahsan, Tel: +44 (0) 203 141 0606; E-mail: [mahsan@acieu.co.uk](mailto:mahsan@acieu.co.uk).
- Future of Polyolefins 2014, 11-12 June, 2014, Düsseldorf, Germany. Contact: Mohammed Ahsan, Tel: +44 (0) 203 141 0606; E-mail: [mahsan@acieu.co.uk](mailto:mahsan@acieu.co.uk).
- 18<sup>th</sup> Annual Green Chemistry & Engineering Conference, 17-19 June 2014, Washington DC, USA. Contact: The ACS Green Chemistry Institute, Tel: +1 202 872 6102, E-mail: [gceconference@acs.org](mailto:gceconference@acs.org); [www.gcande.org](http://www.gcande.org)
- Sustainability Week, 17-19 June 2014, CSIR Convention Centre, Pretoria. Contact: [sustainabilityweek@alive2green.com](mailto:sustainabilityweek@alive2green.com). [www.sustainabilityweek.co.za](http://www.sustainabilityweek.co.za)
- The International Conference on Pure and Applied Chemistry, 23-27 June 2014, Hotel Softel Mauritius Imperial Resort & Spa, Mauritius. Contact: Professor Ponnadurai Ramasami, Chairman of ICPAC 2014, E-mail: [icpacmru@gmail.com](mailto:icpacmru@gmail.com)
- Premier Knowledge, Operating Regulations for High/ Medium Voltage Systems Workshop (ORHVS), 9-11 July 2014. Hackle Brooke Conference Centre, Craighall Park JHB, Email: [kate.malcom@premierknowledge.co.za](mailto:kate.malcom@premierknowledge.co.za)
- 3<sup>rd</sup> edition of INACHEM, 14-16 August 2014, Jakarta International Expo Kemayoran, Indonesia. Contact: Monica, Tel: +62 21 7892938 or +62 812 9070 9647, Email: [ms.monicaanggraeni@gmail.com](mailto:ms.monicaanggraeni@gmail.com)
- NOSHCON 2014, 9-12 September 2014, Champagne Sports Resort, Central Drakensberg, KZN. Contact: Tel: 010 226 4000, Fax: 086 755 8867, E-mail: [noshcon@nosa.co.za](mailto:noshcon@nosa.co.za)
- The 7<sup>th</sup> Annual SA innovation Summit, Cape Town stadium, Tel: 012 844 0674, Email: [marketing@innovationsummit.co.za](mailto:marketing@innovationsummit.co.za)
- The Global Sustainable Chemistry & Engineering Event, 11-13 November 2014, Congress Center, Basel, Switzerland. Contact: Ecochem, Tel: +44 (0) 20 7492 1774; E-mail: [info@ecochemex.com](mailto:info@ecochemex.com); [www.ecochemex.com](http://www.ecochemex.com)



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## Extra Events (taken from CAIA newsletter)

- 9<sup>th</sup> Southern African Energy Efficiency Convention, “Energy Super Heroes – saving the world by saving Energy”, 12-13 November 2014, Emperors Palace, Johannesburg. Contact: Christi Bester, Tel: 018 293 1499; E-mail: [admin@sae.org.za](mailto:admin@sae.org.za)

## Workshops

IUPAC Green Chemistry: Ultrasound and Microwave as Green Processing Techniques for Diverse Technological Applications



Preconference workshop / short-course:

Ultrasound and Microwave as Green Processing Techniques for Diverse Technological Applications  
Abstract:

In these days green and clean processing techniques receive greater attention in a wide variety of technologies. In this connection, this preconference workshop offers an excellent opportunity and intends to expose the participants to learn about the fundamentals, effective usage and technological applications of ultrasound and microwaves. With proper learning and understanding, these techniques could be employed in an energy efficient way. Besides, the discussion will be made about the translation of lab scale to plant scale. The presenters have a very long experience in designing ultrasound and microwave reactors and thus it is an opportunity to learn these techniques in an easy way through this workshop.

Intended audience:

Any research student and researchers willing to learn and exploit the potential behind ultrasound and microwave for a variety of technological applications and chemical process intensification. Besides, it is also useful for the industrial people who are interested to utilize these techniques for their intended applications on a larger scale.

  
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## Workshops

Materials provided:

Each participant receives both a paper and electronic copy of detailed hand-outs to be used during the lecture portions of the workshop.

Rough Agenda:

Fundamental of Ultrasound, reactors and applications – 3 h

Fundamental of Microwave, reactors and applications – 3 h

Total time for the workshop – 6 h

Cost:

Registration fee includes: teas, lunch and notes.

USD \$ 100 Delegates | USD \$ 50 Student Delegates

ZAR R 1000 Delegates | ZAR R 500 Student Delegates

Registration:

[National Registration in ZAR - R](#)

[International Registration in US dollar- \\$](#)

Click one of the above links to register

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## Other

### MAM-14 conference

Welcome to  
**MAM-14**  
INTERNATIONAL SYMPOSIUM ON MACRO-  
AND SUPRAMOLECULAR ARCHITECTURES  
AND MATERIALS  
*From Innovation to  
Commercialisation*  
**23 - 27 November 2014**  
Emperors Palace Hotel Casino,  
Convention and Entertainment Resort,  
Johannesburg, South Africa



### REGISTRATIONS – NOW OPEN!

The symposium provides an opportunity for scientists and engineers to showcase their research on an international platform. It also provides a venue for entrepreneurs and venture capitalists to discuss collaborative research and business developments. A panel of international experts will discuss and address possible avenues to bridge the gap between research and development. Conference attendees will receive a copy of the proceedings that contains all accepted papers.

This symposium will include, emerging research related to nanotechnology, electrochemistry, nanobiotechnology, materials chemistry, material functionalisation and other interesting topics. It will also address venture investments, which take results from laboratory to product.

The symposium comprises world-class plenary presentations, invited lectures from 30 different countries, panel discussions, oral and poster presentations, an insightful exhibition and numerous other contributions. The scientific program will be published on the website.

#### Presentations

Abstracts for both oral and poster presentations will be considered. Abstract submissions and guidelines will be obtained from the website: [www.MAM-14.com](http://www.MAM-14.com)

#### Awards

Oral and poster awards will be presented to the best student participants.

#### Publication of contributed papers

The plenary lectures, invited talks and contributed papers and posters will be published in the symposium proceedings, with planned publications in peer reviewed journals.

#### Important dates

01 Jan. 2014	Abstract submission invited
31 May 2014	Abstract submission deadline
30 June 2014	Notification of abstract acceptance
31 July 2014	Early Bird registration closes

For further information regarding the Conference visit:  
[www.MAM-14.com](http://www.MAM-14.com)

For information regarding Mintek, visit the websites:  
[www.nic.ac.za](http://www.nic.ac.za) or [www.mintek.co.za](http://www.mintek.co.za)



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## Other

### CATSA conference

**CATALYSIS SOCIETY OF SOUTH AFRICA 25<sup>TH</sup> ANNUAL CONFERENCE**  
**'SILVER ANNIVERSARY EVENT'**  
**NOVEMBER 9<sup>th</sup> -12<sup>th</sup> 2014**  
Hosted by the  
University of the Witwatersrand



**IMPORTANT DATES**  
Abstract submission opens : 17<sup>th</sup> June 2014  
Early-bird registration starts : 17<sup>th</sup> June 2014  
Abstract submission closes : 1<sup>st</sup> Sept 2014  
Early-bird registration closes : 13<sup>th</sup> Sept 2014



Conference Venue: Saint George Hotel and  
Conference Centre (near Pretoria)  
[www.stgeorgehotel.co.za](http://www.stgeorgehotel.co.za)



**INVITED SPEAKER**  
**PROF ULRIKE DIEBOLD**  
Institute of Applied Physics, University of Technology,  
Vienna, Austria  
[www.iap.tuwien.ac.at/www/surface/group/diebold](http://www.iap.tuwien.ac.at/www/surface/group/diebold)



**CATALYSIS SOCIETY OF SOUTH AFRICA**



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