



# SEANAC

Southern & Eastern Africa  
Network of Analytical Chemists

## SEANAC CONFERENCE:

5 - 8<sup>TH</sup> JULY 2009

CONVENTION CENTRE, ROYAL  
SWAZI SUN, EZULWINI,  
SWAZILAND

**THEME: CHEMISTRY FOR FOOD  
SECURITY AND SUSTAINABLE  
DEVELOPMENT**

**SEANAC:** The Southern and Eastern Africa Network of Analytical Chemists was founded in February 2002 during a workshop funded by Sida (Swedish industrial development agency), held in Gaborone, Botswana. The workshop was attended by delegates representing 13 Universities from 11 African countries.

The SEANAC Inaugural Conference was held in July 2003, in Gaborone, Botswana. SEANAC is now an affiliated organization to IUPAC, and through the support of the International Program in Chemical Sciences (IPICS) at Uppsala University, Sweden, the network provides 3 months research fellowships tenable in Africa and abroad. In 2005 SEANAC funded 10 Fellows (7 MSc and 3 PhDs), in 2006 there were 13 SEANAC Fellowships (5 MSc, 7 PhD and 1 Postdoct) and in 2008, 7 SEANAC Fellowships have been approved.

## LOCAL ORGANISING COMMITTEE

Justice M. Thwala, Robert L. Mnisi, Gabriel C. Bwembya, Thabile Ndlovu, Salia M. Lwenje, Dismas A. Otieno, Ned Silavwe, Oluwole O.G. Amusan, Amos O. Fadiran, Sipho S. Mamba

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Simiso Dube, Zimbabwe  
Nelson Torto, South Africa  
Catherine Ngila, South Africa  
Veronica Obuseng, Botswana

## Second announcement and call for abstracts

### Conference program

The program will be composed of oral presentations and poster sessions. The secretariat views both oral and poster presentations to be equal.

Some selected key speakers will include:

*Prof. Conrad*, University of Auckland, New Zealand, Food security and sustainable development in Africa.

*Prof. Nelson Torto*, Rhodes University, South Africa, Towards optimal sample handling systems for separation science.

*Dr Ron Major*, Agilent Technologies, USA, Sample preparation for HPLC.

*Dr Anne Perera*, Fresh Direct Limited, Auckland, New Zealand, The role of nutrients in food security.

*Prof. Lo Gorton*, Lund University, Sweden, Electron-transfer pathways across biomolecular interfaces.

*Prof. J. Stenken*, University of Arkansas, USA, Microdialysis as a universal biosensor.

*Prof. Sudip K. Rakshid*, Asian Institute of Technology, Thailand, Rapid detection of food pathogens using molecular biology methods.

*Prof. Aziz Amine*, Universite' Hassan II, Morocco, Use of biosensors in Food & Agriculture.

*Prof. Emmanuel Iwuoha*, University of Western Cape, South Africa, Electrochemical sensors for food and environmental applications.

*Prof. Omowunmi Sadik*, State University of New York, USA, Electrochemistry and nano-technology in food/health.

*Dr. Kuria Ndungu*, Institute of Applied Environmental Research (ITM), Sweden, Determination of Geotracers, key trace metals in sea water by Q-ICP-MS.

*Prof. Andrew Crouch*, University of Stellenbosch, South Africa. Capillary

Electrophoresis and Electrochromatography for food security.

*Prof Brynn Hibbert*, University of New South Wales, Sydney, Australia. Fluorescence methods for detecting aldehydes in food spoilage and "Scientist versus the Law".

*Dr Luke Chimuka*, University of Witwatersrand, South Africa. Prediction of extraction efficiency in supported liquid membrane with a stagnant acceptor phase by means of artificial neural network model.

*Dr Charlotta Turner*, Uppsala University, Sweden, Upgrading of biowaste using sustainable technology.

### Call for Abstracts

Abstracts for oral and poster presentations are invited in all areas of Analytical Chemistry. Papers addressing aspects of food security, environment, health, and HIV/AIDS are encouraged. Abstracts should not exceed 300 words and MUST be submitted to the SEANAC secretariat by email. The name of the author presenting the paper, if submitting with co-authors, should be underlined. Institutional postal address, email, fax, and telephone numbers should be included.

### Pre-conference workshop

Only 30 places will be available with priority given to postgraduate students and technicians working in industry. Participants will be able to attend the workshop on ChromSA Capillary GC given by Prof. Peter Apps and on Sample Preparation for HPLC by Dr. Ron Majors, Agilent Technologies, USA.

### Registration fees

Registration : US\$ 400-00

Students : US\$ 200-00

Full registration includes copies of the book of abstracts, welcoming cocktail, tea & lunch for the days of the meeting and conference dinner.

SEANAC will provide at least 15 grants for postgraduate students from developing countries. The grants will cover registration and accommodation costs. Graduate students have to submit an extended abstract of not more than 2 A4 pages detailing their work as well as a cover letter justifying why they should be supported. The secretariat is in the process of negotiating for funding for students.

### Important dates

Final announcement:

February 2009

Deadline for submission of abstracts:

March 2009

Notification of accepted abstracts:

April 2009

Workshop:

4-5<sup>th</sup> July 2009

SEANAC conference:

5-8<sup>th</sup> July 2009

Final Program:

May 2009

### Post conference Tour

The secretariat will endeavour to facilitate the organisation of post-conference tours of different parts of Swaziland.

### Exhibition

Companies interested in participating in the exhibition are invited to send their enquiries to the secretariat.

### Accommodation

Swaziland has a wide variety of excellent hotels and bed & breakfast accommodation around Ezulwini. Students can be accommodated at the University of Swaziland hostels at an affordable fee. Delegates are encouraged to book at the conference hotels. These include the Royal Swazi Sun, Lugogo Sun International, and Ezulwini Sun. Please note that Lugogo Sun has got special rates for delegates.

Tel: 00268 4165550; Fax: 00268 4165274

Email: [bennedict.bennet@zasuninternational.com](mailto:bennedict.bennet@zasuninternational.com)

Contact the secretariat for alternative accommodation.

### Enquiries

Enquiries regarding the submission of abstracts, the attendance of the conference in 2009 or accommodation during the conference can be directed to the SEANAC Swaziland Organizing Committee:

Dr. J.M. Thwala or Mrs Phumzile Gama

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