



FASC Newsletter 6, July 2023

The impact of AI on the chemical sciences professions will transform how we teach the subject and also how research will be conducted. It already has had a major impact in terms of the transformation brought about by ChatGPT and other equivalent programmes; they are already being used by researchers and students. Are we all prepared for the changes underway? One of the key issues will be ethics behind their use.

Neil Coville.

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Nigeria

46th International Conference, Nigerian Chemical Society

- North Africa

Tunisia

OCC and SEPM conference, Tunisian Chemical Society

Algeria

1st International conference on Environment Technologies and Sustainable Energy (ICETSE2023)

Mauritania

Fourth International Chemistry Day

- **Southern Africa**

Mauritius.

Virtual Conference on Chemistry and its Applications (VCCA-2023)

South Africa

CATSA 2023; Catalysis Society of South Africa

16th Frank Warren conference (organic chemistry)

CONFERENCES/WORKSHOPS (International)

- i) Biophysics in Africa conference,
- ii) 4th Commonwealth Chemistry Posters Event

DETAILED CONFERENCE INFORMATION

See adverts at the end of the Newsletter

See FASC website for data on conferences <https://www.faschem.org/>

ABOUT FASC

FASC website

The FASC website is now up and functioning. Information on the FASC history, the updated FASC constitution, old copies of the newsletter, copies of the African Journal of Chemistry etc., has been loaded onto the site. <https://www.faschem.org/>

FASC membership and invoices

Payment of fees

Online payment is now available to all Members and Societies

Please email fasc.chem@wits.ac.za and request an online payment link – Note it will be in ZAR. The Equivalent daily rate will be used when the payment link is created. You can enter card details via a safe site.

Mrs Laila Smith

Membership Fees

Please apply online: http://www.faschem.org/contact/membership_application

Information for the newsletter

Please send all information to Laila Smith (fasc.chem@wits.ac.za), Emmanuel C. Ohaekenyem (ec.ohaekenyem@unizik.edu.ng) or to me (neil.coville@wits.ac.za)

Laila has placed all earlier newsletters on the FASC website (<http://www.faschem.org/>).

Advertising in the FASC newsletter

The newsletter will provide a means of getting messages to our member countries. This newsletter thus provides a means of advertising employment opportunities, conferences and workshops, and

even for companies/Universities to promote themselves. We encourage member countries to use the Newsletter for advertising purposes. All conferences and events will be advertised for free; if not a FASC country, there could be a small charge. For advertising costs, contact the FASC office in South Africa: laila.smith@wits.ac.za

CHEMISTRY NEWS

FASC news



i) **FASC secretary:** Dr Clarence Mgina



Clarence Anthon Mgina obtained his B. Sc. (Hons) and M. Sc. (Chemistry) at the University of Dar es Salaam, Tanzania between 1991 and 1997. He then served as a Program officer for the Natural Products Research Network for Eastern and Central Africa (NAPRECA) before proceeding to the Netherlands, Nijmegen University (currently Radboud Universiteit) where he did a Ph.D in organic synthesis specializing in carbohydrates. He is currently doing research in phytochemistry while lecturing in organic, medicinal chemistry, and biochemistry at the University of Dar es Salaam.

Apart from research and teaching, Clarence has and in some cases still is serving in leadership positions in various professional bodies. Currently he is the vice chairman of the Tanzania Chemical Society (TCS), Program Officer of the African Network for Chemical Analysis of Pesticides and other Pollutants (ANCAP), and Secretary of the Federation of Chemical Societies of Africa (FASC). He is also currently on the Commonwealth Chemistry executive.

African Chemical Societies and Other News

i) **Mauritania**

The Mauritanian Chemical Society, are organising their fourth International Chemistry Days (JIC 2023), 09 to 11 December 2023 at the Nouakchott Hotel; Nouakchott; Mauritania. <https://www.scm Mauritania.org/jic2023/>
Contact M A Sanhoury (JIC 2023 Committee) for information; also the advert at the end of the newsletter

African Physical Society

From: African Physical Society - Biophysics in Africa <secretariat@africanphysicalsociety.org>
Subject: "Reminder: Call for abstracts and registrations - Biophysics in Africa Conference (25-29 September by Zoom)

This note is a reminder of the Biophysics in Africa conference, 25-29 September 2023, <https://conference.africanbiophysics.org>.

Both the African Light Source Foundation and the African Physical Society very much hope you will personally participate as well as the Federation of African Societies of Chemistry as an organization.

We take a very wide view of biophysics that embraces all physical, engineering, and medical biosciences, all for the purposes of improving animal, human, and plant health, and enlarging the African bioeconomy.

In the meantime, please review *The African Biophysics Landscape: A Provisional Status Report* by Kruger, et al. This report was developed as part of the [African Strategy for Fundamental and Applied Physics](#) (ASFAP). One of the things we might want to do is ignite ASFAP-like processes for all the cognate fields that make up biophysics. This will be amongst the topics we hope to discuss in September.

Tjaart Kruger
Trevor Sewell
Lawrence Norris
Conference Organizers

FASC

Federation of African
Societies of Chemistry

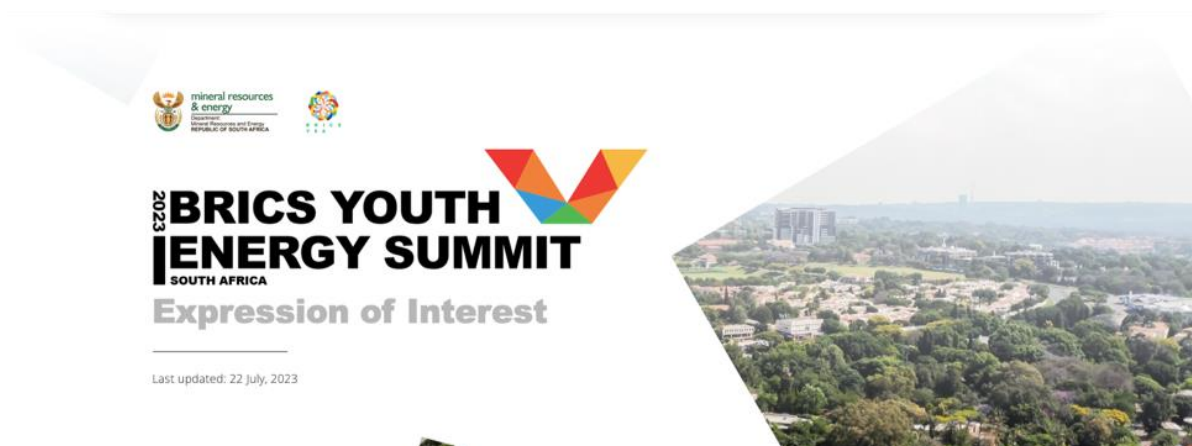
African Academy of Sciences

i) Chemist on the New Executive

Over the years many chemists have served on the AAS executive. In the recent elections held in late June 2023, Prof Kenneth Ozoemena was elected as the Representative from the Southern African scientific community.

Emerging Chemists' News

i) Southern African Societies: Brics event



This year, South Africa leads the BRICS countries with the just energy transition and energy access being the key policy priorities. All over the Global South, youth are leading meaningful action to ensure a more inclusive and equitable energy transition. To bridge the gap between policy-makers and youth experts and make the youth vision and policy recommendations heard and acknowledged, the Department of Mineral Resources and Energy of the Republic of South Africa together with the BRICS Youth Energy Agency are hosting the Anniversary 5th BRICS Youth Energy Summit.

The organizers will distribute 50 bursaries that will cover accommodation, meals and a local transfer to and from the airport.

Requirements:

- Age between 18-35;
- Nationals of BRICS countries (Brazil, Russia, India, China, South Africa) and countries of the Global South;
- Experienced in such issues as energy transition, climate change mitigation and adaptation, implementation of the United Nations' Sustainable Development Goal no. 7, decarbonisation, and resource management.
- Previous engagement with BRICS YEA on its programs & projects is an added value.

Click the link for information; <https://yeabrics.org/en/summits/v-brics-youth-energy-summit/eoi-attende...>

For enquiries please email: info@yeabrics.org

Website: <https://africanscientists.africa>

ii) Applications for African students to study in South Africa

The Mandela Institute for Development Studies (MINDS) has partnered with the National Research Foundation (NRF) to support doctoral applicants from African countries other than South Africa that are intending to study full-time at a South African public university in the 2024 academic year.

The eligibility criteria for the NRF-MINDS Doctoral Scholarship:

- Be a citizen of an African country other than SA, residing in any African country;
- Be thirty two (32) years of age or younger on 31 December in the year of application for the doctoral scholarship; and
- Be intending to pursue full-time doctoral studies with effect from the following academic year of the year of application at a SA public university.

Applications for the NRF- MINDS Doctoral Scholarship open: April 2023

Application deadline: 11 July 2023. Funding outcome: 22 December 2023

Applications for the NRF- MINDS Doctoral Scholarship must be submitted on: <https://nrfconnect.nrf.ac.za> under NRF Postgraduate Scholarships (Refer to the call documents for further information)

CONTACT DETAILS

NRF: Busisiwe Sibiya
BG.Sibiya@risa.nrf.ac.za
+27 12 481 4166
www.nrf.ac.za

MINDS: Sarah Kombasa
skombasa@minds-africa.org
www.minds-africa.org



Royal Society of Chemistry News



i) Hands-on NMR Training Workshop: 31st July to 4th August 2023

The University of Nairobi, Faculty of Science and Technology, Department of Chemistry, Chiromo Campus, Kenya

<https://www.linkedin.com/feed/update/urn:li:activity:7036644297437265920/>

Dr Andrew Shore MRSC, Senior Programme Manager, Pan Africa Chemistry Network (PACN)

ii) PACN meeting in Kenya; November. More details later

African Journals of Chemistry

i) African Journal of Chemical Education (FASC)

Enquiries and manuscripts should be addressed to the Editor-in-Chief: email eic@faschem.org, PO Box 2305, Addis Ababa, Ethiopia.

Dr. Temechegn Engida e-mail: temechegne@faschem.org

- See the FASC website for a complete list of Journals <https://www.faschem.org/>

CONFERENCES/WORKSHOPS (AFRICA)

West Africa

Nigeria

- **46th International Conference, Nigerian Chemical Society**, Awka, Nigeria 17-22 September 2023

North Africa

Algeria

- **1st International conference on Environment Technologies and Sustainable Energy (ICETSE2023)**, October 17-18 2023 Tipaza, Algeria www.icetse.crapc.dz

Mauritania

- **Fourth International Chemistry Days (JIC 2023)**, 09-11 December 2023, Nouakchott Hotel; Nouakchott; Mauritania. <https://www.scmauritania.org/jic2023/>

Southern Africa

Mauritius.

- **Virtual Conference on Chemistry and its Applications (VCCA-2023)** 7 to 11 August 2023.
Theme: Chemistry and Interdisciplinary Research towards SDGs;
website: <https://sites.google.com/uom.ac.mu/vcca-2023>

South Africa

- **CATSA 2023**, Catalysis Society of South Africa, Mossel Bay, South Africa. 14–17th November 2023
- **16th Frank Warren conference (organic chemistry)** 3-6 Dec 2023, Polokwane, South Africa. <https://www.saci.co.za/FW2023/>

Conferences/Workshops (International)

Biophysics in Africa conference, 25-29 September 2023,
<https://conference.africanbiophysics.org>.

- **4th Commonwealth Chemistry Posters Event**, online on the 4th and 5th October 2023.

Conference information



CATSA 2023

5th – 8th November 2023

Diaz Hotel & Resort, 1 Beach E Blvd, Mossel Bay, South Africa



2ND ANNOUNCEMENT AND CALL FOR PAPERS

33rd Annual Conference of
the Catalysis Society of South Africa (CATSA2023)

Catalysts transcending chemical and energy research frontiers

For registration and more information, visit: www.catsa2023conference.co.za

The conference organizing committee invites abstracts, addressing one of the conference themes, or any topic relevant to catalysis, for oral and poster presentations. Abstracts will be accepted until the **15th July 2023**.

Abstracts can be submitted online (<https://catsa2023conference.co.za/abstracts/>) or emailed to catsa2023_abstracts@gmail.com

Delegates are encouraged to take advantage of our reduced early-bird registration fees

(<https://catsa2023conference.co.za/register-now/>).



Prof. Nora de Leeuw
University of Leeds
CATSA2023 Eminent
Visitor and Plenary Speaker

IMPORTANT DATES

Abstracts:

Submission: until 15th July 2023
Acceptance: 31st August 2023



Registration dates:

Early-bird: 1st April – 31st July 2023
Late: 1st August – 15th September 2023

Participant category	Early-bird 1 st Apr – 31 st Jul 2023	Standard 1 st Aug – 15 th Sept 2023
Delegate/postdoc	R 11000	R 12500
Student (sharing)	R 7500	R 8500
Accompanying person	R 5500	R 6500

THEMES

- Heterogeneous catalysis
- Homogeneous catalysis
- Bio-catalysis
- Electrocatalysis
- Theoretical catalysis

TOPICS IN CATALYSIS:

- Catalyst synthesis
- Catalytic materials
- Novel catalyst designs
- Catalyst characterization
- Industrial catalysis
- Catalysis and renewable energy
- Fuel cell technology
- Photocatalysis
- Environmental catalysis
- Water treatment

SASOL



Anton Paar

HIDEN
ANALYTICAL

HySA | Hydrogen
South Africa

Union of African
of Chemistry



FASC
Federation of African
Societies of Chemistry



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Societies of Chemistry



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Virtual Conference on Chemistry and its Applications

Chemistry and Interdisciplinary Research towards SDGs

7 - 11 August 2023

Virtual Conference on Chemistry and its Applications 2023

Overview

Basic sciences are the pillars for our capacity to understand and innovate. It is equally important for researchers to communicate their research findings and be involved in a network within the scientific community. In view of our continuous effort to host virtual conferences, we are organising VCCA-2023.

Important dates

Abstract submission	1 May 2023
Notification of acceptance	1 June 2023
Early registration	15 June 2023
Presentation submission	10 July 2023
Full paper (optional)	1 November 2023

TOPICS

Agricultural Chemistry
Analytical Chemistry
Bioinformatics
Biophysical Chemistry
Chemical Biology
Chemical Education
Chemical Engineering
Chemical Physics
Chemical Safety
Cheminformatics & Bioinformatics
Chemistry of Natural Products
Computational/Theoretical Chemistry
Cosmetics Chemistry
Digital Chemistry
Environmental Chemistry
Food Chemistry
Forensic Science
Green Chemistry
Industrial Chemistry
Inorganic Chemistry
Material Science & Nanotechnology
Medicinal Chemistry
Organic Chemistry
Petroleum Chemistry
Pharmaceutical Chemistry
Physical Chemistry
Polymer Chemistry
Interdisciplinary Chemistry Fields



Please scan for more information.

Schedule

7 - 11 August, 2023
Online

There is no need to be always online as there will not be live presentations.



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Federation of African Societies of Chemistry



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La Société Chimique de Mauritanie
 En collaboration avec l'Université de Nouakchott
 organise
Les Quatrièmes Journées Internationales de Chimie
JIC 2023
 Du **7** au **9** Décembre 2023
 Hôtel Nouakchott, Nouakchott, Mauritanie
 Plus de détails sur
www.scm Mauritania.org

Logos of partner organizations: ANRSI, FASC (Federation of African Societies of Chemistry), and the Royal Society of Chemistry.

FASC

Federation of African Societies of Chemistry