

### FASC Newsletter 3, April 2023

At a FASC Executive Zoom meeting held last month a decision was made to have sub-editors collect information for submission to the FASC Newsletter. We will be looking for help to do this. To assist with this process the newsletter will now show meetings within the four regions in a new format. This will lead to some overlap with other parts of the newsletter. As the actual pdfs for the many conferences take many bytes of space, the pdfs will be found on the FASC webpage, after a first display in the newsletter.

Neil Coville.

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### **CONFERENCES/WORKSHOPS (Africa)**

• West Africa Nigeria







5<sup>th</sup> Training Workshop; empowering women

46<sup>th</sup> International Conference, Nigerian Chemical Society

8th Annual Symposium of the Nigerian International Chapter of the American Chemical Society

### • North Africa

**Tunisia** 

OCC and SEPM conference, Tunisian Chemical Society

Algeria

1<sup>st</sup> International conference on Environment Technologies and Sustainable Energy (ICETSE2023)

### • Southern Africa

Mauritius.

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

**South Africa** 

CATSA 2023; Catalysis Society of South Africa

### **CONFER9ENCES/WORKSHOPS** (International)

- i) Energy Solutions for Africa (ZOOM)
- ii) 7th African School on Electronic Structure Methods and Applications ASESMA 2023|(smr 3847)
- ii) Biophysics in Africa conference,

### DETAILED CONFERENCE INFORMATION

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

### **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. <a href="https://www.faschem.org/">https://www.faschem.org/</a>

### FASC membership and invoices

### Payment of fees

Online payment is now available to all Members and Societies

Please email <u>fasc.chem@wits.ac.za</u> 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: <a href="http://www.faschem.org/contact/membership\_application">http://www.faschem.org/contact/membership\_application</a>

### Information for the newsletter

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

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@saci.cac.za

**FASC Newsletter** 

### **CHEMISTRY NEWS**

## **FASC** news



#### i) **FASC Treasurer:** Professor Vincent Nyamori (South Africa)



**Prof Vincent O. Nyamori** is a Professor at the School of Chemistry and Physics, University of KwaZulu-Natal, Duban, South Africa. Also, he is the Coordinator of the UKZN Nanotechnology Platform and a former President of the South African Chemical Institute (SACI). Prof Nyamori is a Fellow of the South African Chemical Institute (FSACI) and a Fellow of the Royal Society of Chemistry (FRSC). Also, he is South Africa's Representative to the Federation of Commonwealth Chemical Sciences Societies. Prof Nyamori is also an Associate Editor for the RSC Sustainability journal, published by the Royal Society of Chemistry, United Kingdom. His research interests include Green and Sustainable Chemistry, Nanotechnology and Materials Science. In the latter, his research group is interested in advanced nanomaterials for various applications, particularly water remediation, catalysis and energy devices. These innovative nanomaterials include functionalised carbon nanotubes, graphene-based nanomaterials, graphitic carbon nitride, organo-inorganic hybrid materials and perovskites.

### **African Chemical Societies and Other News**

There is no news to report this month. All conference data has been moved to the conferences section







# A.C. A. T

# African Academy of Sciences – new Fellows and Affiliates in the Chemical Sciences

i) **Prof Thalappil Pradeep.** A number of new Fellows have been elected to the AAS and some of these are from the Chemical Sciences. This list includes



Thalappil Pradeep
Indian Institute of Technology Madras
Discipline: Chemical Sciences

Thalappil Pradeep is an Institute Professor, the Deepak Parekh Institute Chair Professor and a Professor of Chemistry at the Indian Institute of Technology Madras, Chennai, India. He studied at the University of Calicut, Indian Institute of Science, UC Berkeley, and Purdue. His research interests are in molecular and nanoscale materials. He is an author of over 525 papers in journals and is an inventor of over 100 patents or patent applications. In addition to the work on advanced materials, he is involved in the development of affordable technologies for drinking water purification. His pesticide removal technology has reached about 10 million people. Along with his associates, he has incubated seven companies and three of them have production units. His arsenic removal technology, approved for national implementation, is delivering arsenic free water to about 1.2 million people every day.

Taken from the AAS webpages

ii) **Dr. Xolile Fuku** (South Africa) AAS Affiliate (2022-2026)



Dr. Xolile Fuku is a senior lecturer at the University of South Africa's Institute for Nanotechnology and Water Sustainability (iNanoWS). He is a member of the South African Chemical Institute (SACI) and the South African Councils for Natural Scientific Professions (SACNASP). Dr. Fuku is an emerging researcher with over 10 years of experience in the water-energy nexus. His research interests include electrochemical sensors, energy systems; with emphasis on battery materials and hydrogen fuel cells technologies. He significantly expanded his research focus to clean-sustainable energy solutions, with a specific interest in thermal energy, electrolysis, and CO2 conversion. Dr. Fuku has 44 peer-reviewed scientific papers, 3 book chapters, and has presented at over 44 local and international conferences. Furthermore, he supervises and mentors early-career researchers as well as MSc and PhD students. He was elected as an AAS affiliate for his significant contribution to the water-energy nexus through technology advancement and innovation.

### **Emerging Chemists' News**

i) African Early Career Scientists (FACES) African Early Career Chemists Workshop & 8th ACS Nigeria International Chapter Symposium June 4-8, 2023, Ibom E-Library







Conference Centre, Uyo, Akwa Ibom State, Nigeria. FACES

### https://acsnigeria.org/meetings-events

Travel Grant 2023: Applications are invited from early career chemists or those studying or working in related disciplines to apply for a travel grant. See advertisement below

Young Scientists' Conference, Basic Sciences for Sustainable Development; ii) Thohoyandou, University of Venda, 12-13 June 2023.

Organised by the South African Young Academy of Science (SAYAS), the Academy of Science of South Africa (ASSAf), the Department of Science and Innovation (DSI) and the University of Venda. Email: kholani@assaf.org.za

iii) 7th African School on Electronic Structure Methods and Applications - ASESMA 2023 | (smr 3847) 12-23 Jun 2023; Kigali - Rwanda

The School will include hands-on tutorial sessions based on public license codes (including, but not limited to, the Quantum Espresso package). There is no registration fee.

Kitso F. Marape, Administrator, African Materials Research Society Secretariat, www.africanmrs.net

iv) 15<sup>th</sup> Green Chemistry Postgraduate Summer School. 5<sup>th</sup>-7<sup>th</sup> July 2023, Venezia, Italy. https://www.greenchemistry.school/programme/

# **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

Applications are invited for the above training course from researchers, lecturers, technicians, MSc. and Ph.D. students in the chemical sciences from universities and research institutions across the East and Central Africa region. The workshop is fully sponsored.

The training workshop will focus on the theoretical and practical aspects of the NMR among

- 1. Introduction to NMR Spectroscopy
- 2. Theory of NMR Spectroscopy
- 3. Applications of NMR
- 4. 1H NMR spectroscopy: Chemical Shifts and Spin-Spin Splitting
- 5. Applications of 1H NMR spectroscopy
- 6. 13C NMR spectroscopy Chemical Shifts, DEPT, APT
- 7. Applications of 13C NMR spectroscopy
- 8. Introduction to two-dimensional NMR Spectroscopy
- 9. Applications of 2D NMR spectroscopy
- 10. Acquisition, Processing and Interpretations of NMR data
- 11. NMR in qualitative and quantitative analysis

### **APPLICATION DEADLINE: 15th April 2023**

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

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

# **African Journals of Chemistry**







#### **African Journal of Chemical Education** i)

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

#### ii) **Other African Journals of Chemistry**

- Chemistry Africa The Journal of the Tunisian Chemical Society (https://www.springer.com/journal/42250)
- See the FASC website for a complete list of Journals

### **CONFERENCES/WORKSHOPS (Africa)**

### West Africa

### **Nigeria**

- 5<sup>th</sup> Training Workshop, Empowering Women, Zoom event, 10-11 May 2023 https://forms.glc/vGD9wmytJE9D5K1s6 See the pdf at the end of the newsletter for more information.
- 46<sup>th</sup> International Conference, Nigerian Chemical Society, Awka, Nigeria 17-22 September 2023

Attachment at the end of the newsletter

8th Annual Symposium of the Nigerian International Chapter of the American Chemical Society (ACS). Uyo, Nigeria, June 4-8, 2023. More details

at: https://acsnigeria.org/meetings-events/.

In collaboration with the African Younger Chemists Network (AYCN) and the Chemical Society of Nigeria (CSN), with co-sponsorship from IUPAC and Bayer, ACS Nigeria Chapter will be hosting a workshop session during the symposium for Early Career Chemists in Africa. We have firmed up plans to provide funding support to cover some travel costs for selected applicants. An updated version of the symposium flyer is found below.

### North Africa

### **Tunisia**

**OCC and SEPM conference**, Hammamet, Tunisia. Tunisian Chemical Society, 10-14 May

To encourage the participation of African chemists in this conference it has been decided that the cost of their participation will be 300€ (as for the Maghreb countries) instead of 400€

This Joint Conference will be an opportunity to bring polymer and organic chemistry scientists from academic or industrial fields to present their recent work in an interdisciplinary atmosphere and to establish an interesting network.

We would be delighted to welcome you to this event and at the same time we kindly ask you to share this information with your colleagues who may be interested in attending. This will surely make this event a success.

OCC & SEPM 2023 will take place in one of the most beautiful coastal regions of Tunisia and we do hope will be an inspiring venue for all delegates.

Registrations and more information available the event are on website sctunisie.org/occ&sepm2023/

### Algeria

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







### **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: <a href="https://sites.google.com/uom.ac.mu/vcca-2023">https://sites.google.com/uom.ac.mu/vcca-2023</a>

The virtual conference will cover all topics of Chemistry and Interdisciplinary Sciences. We are planning for some live presentations. However, we encouraged recorded presentations. Refer to the attached PDF for the flyer. Abstract submission

link: <a href="https://app.oxfordabstracts.com/stages/5363/submitter">https://app.oxfordabstracts.com/stages/5363/submitter</a>

Deadline to submit an abstract is 1 May 2023. All abstracts will be reviewed and accepted abstracts will be collected in the books of abstracts. After the virtual conference, there will be a call for full papers for the book of proceedings to be published by De Gruyter (this is optional).

Dr Lydia Rhyman, University of Mauritius

### **South Africa:**

• CATSA 2023, Catalysis Society of South Africa, Mossel Bay, South Africa. 14–17<sup>th</sup> November 2023

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### Namibia:

• **2023 Powder Diffraction Conference**, 17 – 21 April 2023 Namibia, https://2023sapdc.com

### **CONFERENCES/WORKSHOPS** (International)

### **Upcoming events with dates**

i) Energy Solutions for Africa. In conjunction with The African Materials Research Society, African Research Universities Alliance' Centre of Excellence - Materials, Energy and Nanotechnology invites you to send an abstract of up to 300 words for their online Mini Conference taking place online Mini on Zoom at 09:00 am, on the 17th May 2023 (All times are in GMT +2 or South African Time Zone) under the Theme:

The conference is targeted at all scientists and researchers interested in materials, energy and nanotechnology, and will give you a chance to present your work online, and possibly help to obtain interest and some collaborations. The purpose of this virtual conference is to facilitate the exchange of ideas and advancements among researchers and students regarding the provision of sustainable energy to various regions in Africa. **FREE REGISTRATION** 

Kitso F. Marape, Administrator, African Materials Research Society Secretariat, Botswana, www.africanmrs.net

ii) 7th African School on Electronic Structure Methods and Applications - ASESMA 2023|(smr 3847) 12-23 June 2023; Kigali Rwanda https://urldefense.com/v3/ https://indico.ictp.it/event/10181 ;!!DZ3fjg!4iYMUFQq1piknRS8Q 2Kz5XrH0A--ZSdMBfR9RBRg5T4k6RakjTr764ysY7ohdro 16p4kPjMB1at48kpfK0\$

iii) Biophysics in Africa conference, Zoom Conference : 2 - 5 May 2023, https://biophysics2023.africanlightsource.org; https://events.saip.org.za/event/238/

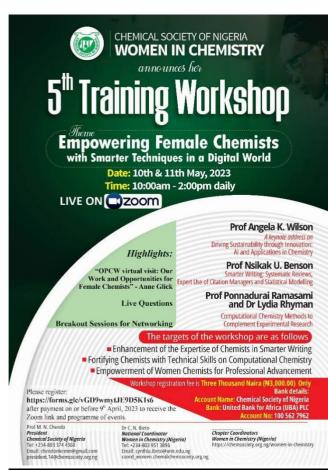
iv) 8th Annual Symposium of the Nigerian International Chapter of the American Chemical Society

### CONFERENCES/WORKSHOPS FLYERS



















### 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 Abstracts can be submitted online (https://catsa2023conference.co.za/abstracts/) or emailed to <u>catsa2023 abstracts@qmail.com</u>. Delegates are encouraged to take advantage of our reduced early-bird registration fees (https://catsa2023conference.co.za/register-now/).

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



Prof. Nora de Leeuw

### THEMES

- Heterogeneous catalysis
   Homogeneous catalysis
   Bio-catalysis
   Electrocatalysis
   Theoretical catalysis



R 11000

R 7500

R 5500





R 12500











### EARLY CAREER SCIENTISTS AND STUDENTS WORKSHOP

Climbing the Science Career Ladder:
Initiation, Propagation, Impact and Legacy

PANELISTS:

• Dr. Edmond Sangany
Northumbria Universit LEAD SPEAKER • Dr. Sadhna Mathura REGISTRATION TYPE Dr. Emmanuel E. Essien
University of Uya, Uya, Ni W Mr. Chidlebere S. Ibe



Virtual Conference on Chemistry and its Applications Chemistry and Interdisciplinary Research towards SDGs

### Virtual Conference on Chemistry and its Applicátions

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 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 Early registration 10 July 2023 1 November 2023 Full paper (optional)

TOPICS Agricultural Chemistry

Agricultural Chemistry
Bloinformatics
Bloinformatics
Bloinformatics
Bloinformatics
Bloinformatics
Chemical Biology
Chemical Education
Chemical Education
Chemical Physics
Computational/Theoret
Cosmetics Chemistry
Digital Chemistry
Environmental Chemist

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### Schedule

7 - 11 August, 2023

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



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