



FASC Newsletter 3, March 2022

The deadline for submission of abstracts to the upcoming ABCChem event is approaching. Don't forget to submit the abstracts to the conference web site. The FASC part of the event (the General Meeting) will be a mixed (virtual/face-to-face) event where all African Chemical Societies will be encouraged to attend. At this meeting important decisions need to be made about the directions FASC needs to make as it goes forwards. Also contained in the newsletter: the updated list of workshops organised by the RSC and the Nigerian Chemical Society as well as updates on 2022 conferences

Neil Coville

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ABOUT FASC

FASC 2022 – membership and invoices

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

FASC (Federation of African Societies in Africa) 2022 fees

As you may be aware, FASC has had difficulties with their bank account in Ethiopia. Government regulations there made it impossible to move monies in/out of the country. Further, covid-19 has had a disruptive influence on chemistry in Africa and as lockdown restrictions are lifted FASC can now continue with its objectives/work.

As of December 2021 the FASC executive, after consultation with the RSC, have opened a bank account in South Africa. The account will be administered, with help, using the SACI facilities. This will allow for accounts to be audited and for easy money transfers.

FASC is thus at last in a position to restart collecting annual fees. This letter is thus the request to Societies to pay their 2022 annual fees. These have been set at \$100 for Societies. We have also changed the Constitution to allow for individual membership of FASC (\$10).

As the Presidents/Chairs of Societies rotate, it is difficult to establish the appropriate person to contact within a Society. Could you pass on this invoice to the appropriate person in your Society? Payments can be made to the account listed on the invoice. Payment will mean that the Society can vote at the General Assembly in December 2022. This will be a mixed event (face-to-face and virtual) so that all member countries can participate.

Payments can be made to the account listed on the invoice you will receive after registration.



Yours sincerely
Prof Neil Coville,
FASC Past President

Important points

- 1) Invoices to Chemical Societies went out in February. Cost for 2022 will be US\$100 per Society. (A charge of \$50 will be levied for 'Associate Member countries')

- 2) Individual membership will be available at US\$10 pa.
- 3) A new category 'Young affiliate member' will allow for post-graduate membership (at US\$5 pa).
- 4) To be a voting member at the GA, Society dues must be paid for that year
- 5) A copy of the updated Constitution will go out to all next month.

What does FASC do?

FASC has now been in existence for 15 years and encourages African Chemical Societies to join FASC. What does it do?

- 1) FASC currently produces the African Journal of Chemical Education (Editor: Dr Engida, Ethiopia; temechegne@faschem.org)
- 2) FASC is coordinating the Atlantic Basin Conference (ABC) on Chemistry in Morocco (December 2022 ; Chair: Prof Mamia el Rhazi, FASC President)
- 3) FASC has a General Assembly every two years that rotates around the African continent. The next one in December 2022 will be held in collaboration with the ABC event (Organisers: Tunisia)
- 4) FASC has a web site (currently being updated) to inform all of FASC activities
- 5) FASC is a member of IUPAC
- 6) FASC produces a monthly newsletter
- 7) FASC, with the financial support of the RSC, supports young African chemists to attend conferences
- 8) FASC members work closely with PACN
- 9) FASC works with the RSC, ACS and IUPAC seeking support for African chemists
- 10) FASC will produce: FRONTIERS IN CHEMISTRY – SPECIAL VOLUME ON AFRICA in 2022

The future

- 1) To become financially independent
- 2) To grow the number of member countries
- 3) To coordinate workshops/seminars within member countries

Information for the newsletter

Please send all information to Laila Smith (fasc@wits.ac.za), Emmanuel C. Ohaekenyem (ec.ohaekenyem@unizik.edu.ng) or to me (neil.coville@wits.ac.za)
Beth 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, or related event there could be a small charge. For advertising costs, contact the FASC office in South Africa: laila.smith@saci.cac.za

CHEMISTRY NEWS

FRONTIERS IN CHEMISTRY – SPECIAL VOLUME ON AFRICA

Frontiers in Chemistry (<https://www.frontiersin.org/journals/chemistry>)

This volume is now nearing completion. It will be published later in the year. Its theme reflects chemistry directions in Africa. *Frontiers in Chemistry (special edition: 15 years of the Federation of African Societies of Chemistry (FASC))*. About 10 manuscripts have been accepted so far. The issue will appear late in 2022

African Chemical Societies News

i) Nigeria. Workshop.

A workshop is being held in Nigeria entitled “Enhancing the technical expertise. Details are given below.

<p>The targets of the workshop are as follows:</p> <ul style="list-style-type: none"> Fortifying Chemists with Technical Skills on Computational Chemistry. Enhancement of the Expertise of Chemists in Selected Scientific Techniques. Empowerment of Women Chemists for Professional Advancement. Sensitization of the Girl Child on the Prospects of a Career in Chemistry. <p>Workshop registration fee is Fifteen Thousand Naira (N15,000.00) Only</p> <p>Bank details: Account Name: Chemical Society of Nigeria Bank: United Bank for Africa (UBA) PLC Account No: 100 562 7962</p>	<p>C O N T A C T S</p> <p>Prof. M.N. Chendo President Chemical Society of Nigeria +234 (0) 803 374 4368 chendonkemm@gmail.com president@chemsociety.org.ng</p> <p>Dr. C.N. Ibeto National Coordinator Women in Chemistry (Nigeria) +234 (0) 803 951 3896 cynthia.ibeto@unn.edu.ng coord_women.chem@chemsociety.org.ng</p> <p>Dr. I.A. Kalagbor Coordinator Women in Chemistry (Rivers State) +234 (0) 803 309 8983 ksinachi@yahoo.com wic_csnrivers@chemsociety.org.ng</p>	<p>CHEMICAL SOCIETY OF NIGERIA WOMEN IN CHEMISTRY <i>announces her</i></p> <p>4TH TRAINING WORKSHOP</p> <p>Enhancing THE TECHNICAL EXPERTISE OF THE 21ST CENTURY FEMALE CHEMIST</p> <p>DATE: 22ND - 26TH MAY, 2022</p> <p>VENUE: EMERALD ENERGY INSTITUTE, UNIVERSITY OF PORT HARCOURT, PORT HARCOURT, RIVERS STATE.</p> <p>ARRIVAL OF PARTICIPANTS: SUNDAY, 22ND MAY, 2022</p> <p>REGISTRATION: 8:30 AM MONDAY, 23RD MAY, 2022</p> <p>OPENING CEREMONY AND PLENARY SESSIONS: 10:00 AM MONDAY, 23RD MAY, 2022</p> <p>TRAINING ON SPECTRAL TECHNIQUES/ STRUCTURE ELUCIDATION AND COMPUTATIONAL MODELLING TUESDAY 24TH MAY, 2022</p> <p>INDUSTRIAL TOURS: WEDNESDAY 25TH MAY, 2022</p> <p>DEPARTURE: THURSDAY 26TH MAY, 2022</p>
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Federation of African
Societies of Chemistry

S P E A K E R S

Prof. Regina E. Ogali
A Keynote address on
"Essential Skills for Women Chemists"

Dr. Amina Sambo-Magaji
ICT as a Tool for Professional Advancement

Prof. John O. Igoli
Spectroscopic Techniques and
Structure Elucidation

Dr. Collins U. Ibeji
Computational Modelling:
Theory, Practice and Application

Hotels around UNIPORT

S/N	Hotel name	Contact Phone No	Rate per room (₦)		Address
			Standard	Executive	
1	Helena Haven Hotel	08030879627 07064407035 (24 hours light)	10,000	12,000	Opposite Emerald Energy Institute, UNIPORT (beside Total Filling Station)
2	Habitat Hotels and Resort	08177552867 08064733100 (24 hours light)	11,000	14,000	5 Habitat drive, NTA/Choba Road, Rumualogu, Port Harcourt
3	Brooklyn Tourist Centre	08067263806	5,500	7,000 & 10,000	Km 5 East-West Rd, Port Harcourt (taxi of ₦100 to UNIPORT)
4	UPTH Guest House	08060283119	5,000	7,000	University of Port Harcourt Teaching Hospital (beside UNIPORT)
5	College Court Suites	07032221340 08068823140	6,000	7,000	Along Alakahia Rd, Opposite University of Port Harcourt Teaching Hospital Gate

Please confirm your attendance on or before

8th April, 2022 by sending an email with your full name, phone number and date of payment to

coord_women.chem@chemsociety.org.ng or cynthiaibeto@gmail.com

ii) FASC – ABCChem

The website is now open. Note the date for submission of Abstracts.

The below symposia will be hosted at ABCChem 2022. [Authors can now submit abstracts to symposia.](#) Submissions will close 4 April 2022.

TOPIC AREA: General Papers

- Analytical
- Biological
- Inorganic
- Organic
- Physical

TOPIC AREA: Chemistry, Biology & Health

- The Many Faces of Polyphenolic Compounds
- Drug Discovery for Neglected Tropical Diseases

TOPIC AREA: Green Chemistry

- Sustainable Path for the Chemicals & Materials Sectors
- Towards a Global Community of Transformation in Green Chemistry Education
- Cutting-Edge Processing Technologies to Support Regional Pharmaceutical Manufacturing: Challenges & Opportunities

TOPIC AREA: Materials & Nano

- Fly Ash Cenospheres: A Smart material & its High End Applications
- Materials for H₂-based Electrochemical Energy Conversion: Fundamentals to Manufacturing
- Materials for Lithium (and post-lithium) Ion Batteries in the Atlantic Basin
- Catalytic Materials for Hydrogen Production & Storage
- Innovative Materials for Energy & Health
- Nanotechnology & Agriculture: A Path to Global Food Security

TOPIC AREA: Education & Science Communications

- The Convergence between AI & Science Education

- Regional Cooperation in Chemistry in Asia
- Innovations in Chemical Education Across the Atlantic Basin
- Scholarly Science Communication & Public Outreach Efforts: Best Practices & Case Studies

African Academy of Sciences

i) New Fellow: Prof Amany Mohamed Fekry

Every year scientists are elected as Fellows of the African Academy of Sciences. In 2022 one of the fellows was in the Chemical Sciences. This is Prof Amany Mohamed Fekry from Egypt.



Prof. Amany Mohamed Fekry is a professor of physical chemistry, department of chemistry, Faculty of Science, Cairo University in 2017. I have more than 100 publications in different international journals, a review, 3 book chapters and 1 book. I have attended 12 national and international conferences. My H-index is 33 with 2538 citations. I have supervised more than 20 MSC, Ph.D students. I have reviewed more than 100 articles in different international journals. Stanford University identifies me in the top 2 % of Scientists worldwide in 2020 and 2021. I have been awarded an international award called Obada-Prize for distinguished researchers – 2021 winners. I have been awarded University Encouraging Award (Basic Sciences), Cairo. awarded University Encouraging Award (Basic Sciences), Cairo University, 2010; Country Encouraging Award (Basic Sciences), Egypt, 2012 and Academic Excellence Award (Basic Sciences), Cairo University, 2020. I have been granted STDF (Egypt - France cooperation) for a research stay in Electroanalytical group (ELAN) in the Laboratory of physical Chemistry and Microbiology for the environment (LCPME), Lorraine University, Nancy-France. I have got a postdoctor in GeoResources Lab, Lorraine university - France on experimental and theoretical studies on the flotation of oxidized minerals, Fine Future Project – GeoResources Department, Lorraine University, Nancy-France till now. I'm a member of the Corrosion Association from 2005 to 2010, Polymers Association in 2018. I'm selected as a member on the Basic Sciences Council from the qualitative councils of the Academy of Scientific Research from 11 june 2018 to 10 June 2021 and I'm selected again for this membership at 29 september 2021. I'm a member of the NSP Scientific Academy (international): Ref. No.NSP-151134 at December 2020-2021. My research work contributes mainly to solving many biological and industrial problems. My main subject is to prepare advanced nanoparticles and nano-coatings; and their applications in different areas like Corrosion, Sensors, Fuel cells and catalysis. I know different techniques like Electrochemical Impedance spectroscopy, Potentiodynamic polarization, Cyclic Voltammetry, Scanning Electron Microscopy, Raman Spectroscopy etc.

Taken from AAS website

Younger Chemists' News

- i) **Early career Africa Chemical Scientists financial support to attend the ABC and FASC conference/meeting**

The Royal Society of Chemistry (RSC) will provide financial support for up to six Early Career African Chemical Scientists to attend the upcoming Atlantic Basin Conference (ABC) on Chemistry, at which time the FASC (Federation of African Chemical Societies) will hold their General Meeting. The event will be held in Marrakesh, Morocco, 13–16 December 2022, See the website for details: <https://abcchem.org/>

This support will cover the costs for travel, registration and accommodation and will principally support early career chemists (faculty under 40 years of age, post-doctoral researchers and PhD students) working in the chemical sciences. This is a great opportunity and all young chemical scientists at any African University are encouraged to apply for this support.

See full Application details ([PDF](#))

This opportunity is for African chemical scientists working in Africa.

Applicants wishing to attend must submit an abstract online to the ABCChem22 website (<https://abcchem.org/>) before 4 April 2022 submission deadline.

For more information, please contact: Prof Neil Coville : neil.coville@wits.ac.za
or Prof Mama El Rhazi : elrhaziamia@gmail.com; mama.elrhazi@fstm.ac.ma

SA FASC Office: University of the Witwatersrand, Chemistry Department, Private Bag X3, Wits, 2050

Cell: 061 282 3477 | Landline: 011 717 6705

Web: <http://www.faschem.org/>

ii) **Post-graduate Summer School on Green Chemistry**

We are pleased to inform you that the Green Sciences for Sustainable Development Foundation (www.gssd-foundation.org), in collaboration with the IUPAC Interdivisional Committee on Green Chemistry for Sustainable Development ICGCSD (<https://iupac.org/body/041>), and the Ca' Foscari University of Venice (www.unive.it), will organize the 14th Edition of the **Post-graduate Summer School on Green Chemistry that will be held in-person and online from the 3rd to 9th of July 2022 in Venice, Italy.**

The Organizing Committee

E-mail: green.chemistry@unive.it

Web: <https://www.greenchemistry.school/>

▪ **iii) The 5th International Conference of Young Researchers on Advanced Materials (IUMRS-ICYRAM2022)**

On behalf of the organizing committee of The 5th International Conference of Young Researchers on Advanced Materials (IUMRS-ICYRAM2022), I am very pleased to invite you to submit your abstract to the afore-mentioned conference.

The ICYRAM is the latest of the four international conferences launched by the International Union of Materials Research Societies (IUMRS). The main mission of the ICYRAM is to create international networks between young researchers, who will lead the next generation of material research. Young researchers, who are <40 years old, and/or <15 years passed after receiving a Ph.D. degree, will have unique opportunities to discuss, meet and create networks within the global materials community.

The IUMRS-ICYRAM2022 will be held at the Centennial Hall, Kyushu University School of Medicine, **Fukuoka, Japan**, from **3-6 August 2022**. Regarding the globally spreading COVID-19, it was decided that the IUMRS-ICYRAM2022 will be held by **A Hybrid Style** (both onsite at Fukuoka and online). The deadline of the abstract submission is 14 March 2022. It is expected that each society will send 10-20 researchers to IUMRS- ICYRAM2022 to make presentations.

Attendance of excellent young researchers from all societies is the key to success.

Kindly visit the website to find a list of the covered topics and the programmed symposia open for submissions. (<https://icyram2022.wixsite.com/official-site>)

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

iv) African Young Chemists Network (AYCN)

The African Younger Chemists Network (AYCN) seeks to display the unique talents of young researchers on the continent and to provide a platform for constructive career development and engagements across the globe.

Contact email: aycn.chemists@gmail.com; Contact people: Ms Bianca Davids, Dr Sadhna Mathura

v) International Young Chemists Network (IYCN)

Professional Development Skills: The International Younger Chemists Network (IYCN; <https://www.iycnglobal.com/>), affiliated organization of the International Union of Pure and Applied Chemistry (IUPAC) is organizing a **series of FREE live workshops** devoted to support and empower early-career chemists with **professional development skills** to advance their careers.

Stephen O Aderinto: soaderinto1@sheffield.ac.uk

IUPAC News

i) **IUPAC Top Ten Emerging Technologies in Chemistry 2021 Breakthroughs for a circular, climate-neutral future** by *Fernando Gomollón-Bel*

IUPAC thrives to boost the impact of chemistry around the world. Recently, it established a new initiative—the Top Ten Emerging Technologies in Chemistry—to showcase the tremendous importance of the chemical sciences by highlighting developments on the verge of becoming game-changing commercial breakthroughs [1]. Some have been truly transformational for our society, such as RNA vaccines and rapid tests, both key technologies to enable a smooth transition to the new normal after the COVID-19 pandemic. This year, the Top Ten efforts continue—featuring a brand-new logo and further actions to disseminate and promote the project beyond this publication. The new selection of emerging technologies gathers both well-established, high-technology readiness level (TRL) applications and ground-breaking opportunities for the chemical industry. Of course, many of them still address the ongoing coronavirus crisis, focusing on new pharmaceutical solutions to prevent the spread of pathogens like SARS-CoV-2. Moreover, many tackle the climate crisis and provide new roadmaps to achieve the United Nations' Sustainable Development Goals (SDGs) [2]. The consequences of global warming are here—heatwaves, floods, and wildfires devastate our planet constantly. Chemistry will provide pivotal tools towards a sustainable future [3], many included in this singular selection. IUPAC experts have selected the Top Ten Emerging

Technologies in Chemistry 2021—ten ideas to catalyse industrial innovations and trans-form our world.

One example: Blockchain technology Digital advances for more reproducible, trace-able chemical innovation

Solvay, Evonik, and BASF are some of the world-leading companies that are exploring the uses of blockchain technology in chemistry. Furthermore, many believe that blockchain holds the key to more reproducible science thanks to one of its main built-in features—traceability. Back in 2008, Satoshi Nakamoto conceptualised and designed blockchain—although many other computer scientists had played with similar ideas in the 1980s and 90s. Nakamoto designed the beloved cryptocurrency Bitcoin, a list of digital financial records and monetary transactions linked with encrypted algorithms and managed by a distributed peer-to-peer network of users. Ever since, experts have adapted this technology to develop other applications such as smart contracts, digital stocks, and proofs of authenticity valued in the Arts. By design, blockchains offer an immutable repository to record any kind of transaction, offering great potential all along the scientific process. Since the original record of transactions is safely kept throughout a network of computers under strict cryptographic protection, fraudulent alterations are quickly detected. The U.S. National Institute of Standards and Technology, among other prestigious institutions, believes blockchain could benefit scientists across all fields, as well as solve serious problems such as reproducibility [4]. For instance, chemists in the UK have explored the uses of blockchain to trace a series of simple computational calculations. Their preliminary results suggest that this type of encrypted environment could increase both transparency and accessibility, as every single step of the process is documented and shared within the digital ledger [5]. German researcher Sönke Bartling believes that blockchain can benefit research beyond secure laboratory notebooks and data-collection—enhancing publications, grants, evaluation, and recognition. Indeed, the World Intellectual Property Organization is exploring the potential of blockchain to transform the industry of Intellectual Property (IP)—from evidence of creatorship to the management of royalties [6]. Chemical companies want to stay ahead; many have already created blockchain-based systems to modernise their supply chain. This technology guarantees secure transactions across all parties, boosting traceability to unprecedented levels of detail. “Smart contracts” are fully automated, enabling a continuous tracking of chemical goods from raw materials to the market shelves. European chemical manufacturers also explore the possibilities of blockchain to advance the circular economy—with easier, more reliable life cycle assessment, blockchain will likely increase recyclability, improve the utilisation of resources, and eventually reduce overall costs [7]. Another proof of the possibilities of blockchain in chemistry is the proliferation of start-ups such as ChemChain, supported by the European Commission through different funding programmes. This company ensures that data and information on chemicals is fully-protected

Taken from: Chemistry International October-December 2021 p13

Royal Society of Chemistry News



i) GSK/RSC Hands-On GC-MS & LC-MS Training Courses

New dates for 2022 – extended for 1 year

Through our partnership with GSK we are delighted to announce that we are able to run the following Hands-On GC-MS (Gas Chromatography with Mass Spectrometry) and LC-MS (Liquid Chromatography with Mass Spectrometry) training courses in 2022.

Please see the timetable below for forthcoming courses. Applications are now open for all courses, please carefully note the deadlines to complete them. We hope to reschedule our GC-MS 2021 training course for Ethiopia this year. Applicants who originally applied and were successful will be given priority to attend. Full details will be provided on www.rsc.org/events/africa. Please email Africa@rsc.org with any enquiries.

Course Type	Location	2021 Dates
GC-MS	Kenya	25-29th April 2022
GC-MS	Kenya	13-17th June 2022
LC-MS	Kenya	4-8th July 2022
LC-MS	Kenya	22-26th Aug 2022
LC-MS	Ghana	23-27th May 2022
GC-MS	Ethiopia	TBC – rescheduled from 2021

ii) Funding opportunities from the Royal Society of Chemistry

The Royal Society of Chemistry's Researcher Development Grants are open to PhD students and postdoctoral researchers wishing to undertake an activity that supports their research career. You can apply for a grant of up to £500 towards any virtual or in-person activity that develops your skills and experience as a researcher. Examples include, but are not limited to, presenting work at conferences, developing new skills by attending training courses or developing networks by organising a scientific meeting.

- To apply you must meet the following criteria:
- You are an RSC member (of any level)
- You are a PhD student or postdoctoral researcher
- Your activity must start on or after the 28th of the month following your application.

See the webpage for more information <https://www.rsc.org/prizes-funding/funding/researcher-development-grant/>

Applications for up to £5,000 can be made to the Royal Society of Chemistry's Inclusion and Diversity Fund. Applications must focus on inclusion and diversity and can relate to a range of audiences, including different age groups, career stages, geographical regions and sectors. This grant scheme is open to everyone (individuals and organisations) including members of the Royal Society of Chemistry, member-led groups, researchers in academia or industry, museums, community groups, not-for-profit organisations, arts groups and libraries.

Previous recipients of this funding have included projects related to gender, disability, socio-economic background, language, race and ethnicity, the LGBT+ community and more. These have

been delivered via initiatives such as data collection and analysis, workshops, conferences and hackathons. The closing date is Monday 25 April and more information is available here <https://www.rsc.org/prizes-funding/funding/inclusion-diversity-fund/>

iii) Pan Africa Chemistry Network

The Pan Africa Chemistry Network (PACN) has a LinkedIn group where members share information related to PACN activities and news and events from across Africa. You can apply to join this group here <https://www.linkedin.com/groups/1900756/>

AFRICAN JOURNALS OF CHEMISTRY

Journals in Africa (Chemistry)

Scientific African

Published by the [Next Einstein Forum](#) in collaboration with Elsevier.

<https://www.journals.elsevier.com/scientific-african>

Journal of the Kenya Chemical Society (JKCS)

JKCS also publishes articles in all areas of chemistry. Published articles are available at <https://kenyachemicalsociety.org/journals>. Manuscripts should be submitted to the Editor-in-Chief at eic.jkcs@gmail.com for processing and peer-review.

Chemistry Africa.

A Journal of the Tunisian Chemical Society

https://www.springer.com/chemistry/journal/42250?utm_source=hybris&utm_medium=email&utm_content=internal&utm_campaign=JFTT_2_2018newjournals

Journal of the Mauritanian Chemical Society (JMCS)

Publishes research articles and conference proceedings in English or French. This is published online at: <http://www.scm Mauritania.org/journal-scm>; M A Sanhoury, JMCS Coordination Editor.

South African Journal of Chemistry

This Journal is published electronically. The webpage is: <http://www.saci.co.za/>. Details of the journal and the editors can be seen at <http://www.journals.co.za/sajchem/>. The South African Journal of Chemistry, published by the South African Chemical Institute, has been publishing high quality papers, in all fields of Chemistry for over 100 years. The Journal went fully electronic in 2000 and is freely available through open access online (http://reference.sabinet.co.za/sa_epublication/chem).

African Corrosion Journal (online).

Commenced in 2015 – a peer reviewed corrosion journal. This journal may be of interest to the “practical” chemists amongst the SACI membership. <https://view.publitas.com/icp-1/african-corrosion-journal>

African Journal of Chemical Education

Below are listed the contents in the first issue of AJCE 2022. The online version is to be found on the FASC website (www.faschem.org, under Journal) and the AJOL website (www.ajol.info).

The table of contents is listed below:

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

South African Journal of Science TOC@assaf.org.za

Journal of the Chemical Society of Nigeria

csnjournals@gmail.com; csnjournals@yahoo.com; editor@chemsocnigeria.org

Bulletin of the Chemical Society of Ethiopia

<http://www.ajol.info/index.php/bcse/index>

South African Journal of Chemical Engineering

A fully open access journal <http://www.journals.elsevier.com/south-african-journal-of-chemical-engineering/>

African Journal of Pure and Applied Chemistry

Editorial Office: ajpac@academicjournals.org help desk: helpdesk@academicjournals.org;

URL: www.academicjournals.org/journal/AJPAC

CONFERENCES/WORKSHOPS

Upcoming events

- i) Kenya Chemical Society, Kisumu City, Kenya. 23-24 June 2022, www.kenyachemicalsociety.org
- ii) CATSA 2022 Drakensberg South Africa 13-16 Nov 2022 www.catsa.org
- iii) NanoAfrica 2022, 23-29 October 2022, Cape Town. info@nanoafrica2022.co.za
- iv) Post-graduate Summer School on Green Chemistry. Green Sciences for Sustainable Development Foundation 3th to 9th of July 2022, Venice. <https://gssd-foundation.org/ss2022/>
- v) 26th IUPAC International Conference on Chemistry Education, 18-22 July 2022, Cape Town
- vi) African Materials Research Society (AMRS 2021) 12-15 Dec 2022, Dakar, Senegal www.africanmrs.net
- vii) ABCChem 13-16 Dec 2022, Marrakech, Morocco

Detailed conference information

i) Kenya Chemical Society



KCS
KENYA CHEMICAL SOCIETY

FIRST CALL
THE 10TH INTERNATIONAL
CONFERENCE OF THE
KENYA CHEMICAL
SOCIETY

Date
23rd - 24th
June 2022
Blended mode

THEME: SUSTAINABLE DEVELOPMENT THROUGH
GREEN CHEMISTRY, INNOVATION AND TECHNOLOGY

VENUE: MASENO UNIVERSITY, KISUMU CITY - KENYA

Introduction: The 10th International Conference of the Kenya Chemical Society (KCS) brings together local, regional and international Chemical Scientists and stakeholders from government, academia, research, and industry to deliberate on Sustainable development through Green Chemistry, Innovation, Chemical Safety, and Security. The society associates with the Government Chemist (K), NEMA (K), OPCW, PACN, CSP, CRDF, AAS, KNAS, ICIPE, KAM, University of Munich (Germany), Bioenergy Consultancy Services (Germany), University of Kwazulu-Natal (South Africa) among others. [Get more details at:- https://www.kenyachemicalsociety.org/](https://www.kenyachemicalsociety.org/)

Mission: To advance Chemical Sciences by showcasing their contribution to sustainable international development.

Objectives:

1. To share research ideas, methodologies and outcomes in green chemistry and circular economy.
2. To discuss issues of chemical safety and security alongside occupational health safety.
3. To initiate responsible care in chemical management.
4. To address the challenges at the energy, materials, food, water nexus through green chemistry

Thematic areas:

1. Green Chemistry and circular economy in research and development
2. Innovative technologies and policies for sustainable development
3. Chemical safety management and security
4. Sustainable agriculture, water, food safety and security
5. Climate change, environmental pollution, and mitigation

Modes of presentations:

1. Key note speech
2. Plenary lectures
3. Oral presentations
4. Online presentations
5. Posters
6. Exhibitions

IMPORTANT DATES

Submission of abstract: Early Bird:- 15th April 2022; Late registration:- 15th May 2022;
Full paper submission:- 15th June 2022; Confirmation of attendance:- 30th May 2022;
Abstracts to be submitted to:- conference@kenyachemicalsociety.org

FIELD EXCURSION

On final day of the Conference at a cost.

ACCOMMODATION

There is a vast choice of accommodation within Kisumu City and its environs at cost.

REGISTRATION FEES (USD)			OTHER FEES (USD)		PAYMENTS
Category	Early Bird	Late Bird Registration	Advertisement in book of abstracts		
KCS members	30	35	Quarter page	300	Account Name: The Kenya Chemical Society Bank: National Bank of Kenya Branch: MSLUMU Account Number: 01281095468000 Swift Code: NBKENXXXX M-PESA: Pay Bill Business number: 015615 Account number: 01281095468000
Resident Non-Members (EA)	70	75	Half a page	350	
KCS student members	10	10	Full page	500	
Resident students (EA)	15	20	Corporate partners for		
Non-Residents	100	150	Inclusion of logos	1000	
Exhibitors	300	350			

SECRETARIAT Contacts: Prof. Chrispin Kowenje of Maseno University ckowenje@maseno.ac.ke
 call: +254736757294. CC: Dr. Solomon Omwoma, Department of Physical Sciences, Jaramogi Oginga Odinga University of Science and Technology (JOOUST) slugasi@jooust.ac.ke; Cell: +254705681121 and Paul Gathara: secretariat@kenyachemicalsociety.org

ii) CATSA 2022



CATSA 2022

13 – 16 November 2022

Champagne Sports Resort, Central Drakensberg, KwaZulu-Natal, South Africa



FIRST ANNOUNCEMENT

32nd Annual International Conference of
the Catalysis Society of South Africa (CATSA2022)

**“Integration and Synergies between Homogeneous and
Heterogeneous Catalysis”**

www.catsa.org.za/index.php/acf/catsa-2022

Overview

New types of catalysts and catalytic processes are central to the future of a sustainable chemical industry and environment. The conference will bring together leaders and future leaders from academia, industry and government laboratories, to discuss, disseminate information and share ideas on advancing theoretical and practical concerns in the field.

Scientific Sessions

Heterogeneous Catalysis
Homogeneous Catalysis
Biocatalysis and Enzyme Catalysis
Electrocatalysis
Theoretical Catalysis

Topics

Topics of interest include, but are not limited to:

Catalysis and applications
Catalysts synthesis
Catalysis for renewable sources
Catalysis for water treatment
Integrated catalysis
New catalysts designing
Chemical kinetics and catalyst activity
Fuel cell catalysis
Environmental catalysis
Analytical methodologies in catalysis
Catalytic materials
Computational catalysis
Homogeneous and molecular catalysis
Catalysis in nanotechnology
Photocatalysis

Eminent Visitor



Prof. E. Charlie H. Sykes
Tufts University
Massachusetts USA

We are especially proud to announce Professor Charlie Sykes as our eminent visitor for CATSA2022. Apart from sharing his expertise at the meeting with us in a plenary lecture, he will also visit a few universities to engage with students and supervisors in serious and not-so-serious discussions.

The Venue

Situated in the tranquility of the Central Drakensberg, boasting the most spectacular view of Champagne Castle and Cathkin Peak, lies Champagne Sports Resort. Only a three-and-a-half hours drive from Johannesburg and 2 hours from Durban, the resort is ideally situated for both relaxing leisure and for the corporate conference. Champagne Sports Resort is more than a hotel in the mountains, it is an experience. From the 18-hole championship golf course to the roaming herds of Blesbok and Impala and the rare bird life that inhabit the estate, there is something for everyone to enjoy.

Organiser

The conference is organised by the University of the Witwatersrand. The local organising committee is currently developing the detailed conference programme, which will be available soon. We look forward to seeing you in the event and making it successful with your participation.



CLARIANT

African
chemistry

iii) NanoAfrica 2022

South African Nanoscience and Nanotechnology Summer School
23 - 25 OCTOBER 2022

NANO AFRICA CONFERENCE 2022
26 - 29 OCTOBER 2022

**Nanotechnology for Sustainability:
Towards attaining the World's Sustainable Development Goals.**

DEADLINES NANO AFRICA ABSTRACTS

ABSTRACT SUBMISSION 15 APRIL 2022	ACCEPTANCE NOTIFICATION 15 MAY 2022	FULL ARTICLE SUBMISSION 15 JULY 2022
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NanoAfrica 2022, in partnership with the South African Nanoscience and Nanotechnology Summer School will be hosting the 6th South African Nanoscience and Nanotechnology Summer School, as well as the 8th International Conference on Nanoscience and Nanotechnology in Africa (NanoAfrica 2022).

The 6th South African Nanoscience and Nanotechnology Summer School will be held on the dates 23 - 25 October 2022 at The Lord Charles Hotel, Cape Town.

The 8th International Conference on Nanoscience and Nanotechnology in Africa (NanoAfrica 2022) will be a hybrid conference, on the dates 26 - 29 October 2022.

The face-to-face component of the conference will take place at The Lord Charles Hotel, Cape Town and the virtual component will be held on the Remo platform.

Conference theme: Nanotechnology for Sustainability: Towards attaining the World's Sustainable Development Goals.

Conference Aim and Scope: The conference provides an opportunity for scientists and engineers to share their research. The focus of the conference is to showcase how nanoscience and nanotechnology are assisting the world in attaining sustainable developmental goals. Apart from cutting edge research, the conference will also provide a platform for emerging researchers to present their work. The scientific program will feature plenary presentations, invited talks, panel discussions, oral and poster presentations and an insightful exhibition.

The conference hereby invites all scientists and engineers to submit an abstract to reflect on the above-mentioned theme, aim & scope, in the best sub-theme below:

VENUE	REGISTRATION FEES	Synthesis and characterization of nanomaterials	Nanomaterials for water applications: detection, treatment, and preservation
		Modelling of nanosystems	Commercialization and industrialization of nanotechnology
The Lord Charles Hotel, Somerset West	R 4,000 - R 6,000* *Depending on face to face or virtual participation *20% discount for groups of 5 or more from 1 institution (for face to face attendance only)	Fabrication of nanosystems for sensing, diagnostics, imaging, magnetic and electronic applications	Nanoscience and nanotechnology education and communication
		Nano-biotechnology and -biomedicine	Nanomaterials for energy applications
		Nanotechnology and the 4th Industrial Revolution	Toxicity, risk assessment and regulations for nanomaterials

SPEAKERS	Professor Artur Braun	Professor Jasna Jankovic	Professor Stephan Barcikowski
	EMPA, Switzerland Professor Emmanuel Iwuoha University of the Western Cape, South Africa Professor Fabian Ezema University of Nigeria, Nigeria	University of Connecticut, USA Professor Nazeeruddin Ecole Polytechnique Fédérale De Lausanne (EPFL), Switzerland	University Of Duisburg-Essen, Germany Professor Suchi Guha University Of Missouri-Columbia, USA

www.nanoafrica2022.co.za | info@nanoafrica2022.co.za



iv) **Post-graduate Summer School on Green Chemistry**


GREEN CHEMISTRY
LIVE AND ONLINE
POSTGRADUATE
SUMMER SCHOOL
 3rd-8th July 2022
 Venice, Italy

Organizers:
Pietro Tundo Chairman
Fabio Aricò
Aurelia Visa
Mirabbos Hojamberdiev

Topics:
 Benign synthesis routes
 Green catalysis
 Alternative solvents
 Renewable and green raw materials
 Green chemistry for energy
 Clean processes
 Green Chemistry education

Info at: <https://www.gssd-foundation.org>

Ca' Foscari University of Venice
 Department of Environmental Sciences, Informatics and Statistics

GREEN SCIENCES FOR SUSTAINABLE DEVELOPMENT FOUNDATION

100 IUPAC

Photo by Damiano Bachicchin/Lunafish

v) 26th IUPAC International Conference on Chemistry Education

For more information: <https://icce2022.org.za/>

26th IUPAC International Conference on Chemistry Education

Responding to 21st century imperatives in chemistry education

**1st round abstract submissions close:
10 April 2022**



18 – 22
JULY
2022

ICCE 2022 REGISTRATION AND ACCOMMODATION INQUIRIES

Tel:
+27 (0) 21 910 1913

Email:
icce2022@allevents.co.za

For more information
www.icce2022.org.za

**Registration
and abstract
submissions
are open!**



1st round abstract
submissions
close:
10 April 2022

2nd round
abstract
submissions
close:
11 May 2022

1st round abstract
notification:
1 May 2022

2nd round
abstract
notification:
1 June 2022

Early bird registration closes:
18 June 2022

Federation of African
Societies of Chemistry

vi) **AMRS****PLENARY SPEAKER**

Prof Gérard Mourou
THE NOBEL PRIZE IN PHYSICS 2018

The 11 th International Conference of the African Materials Research Society (AMRS2022) will be held in Dakar , Senegal 12-15 December 2022. The Senegal AMRS2022 will draw participants from around the world, with an anticipated attendance of 500 people. At its heart, the AMRS series of conferences allows the scientific and research communities to build knowledge, foster relationships and promote action for further understanding and collaborations in the broad fields associated with materials science and technology.

The themes of AMRS2022 reflect both the needs of the global research community such as energy and health, as well as the needs that are specific to Africa.

IMPORTANT DATES

Abstract submission:

Opening date: 01 February 2022 | Closing date: Oral presentations: 31 March 2022 | Poster presentations: 15 April 2022

Early bird registration: 01 May – 30 June 2022

Regular Online registration: 01 July – 15 October 2022

Late registration: 16 October – 15 November 2022

Last minute registration: 15 November – 30 November 2022

The registration portal will close 30 November 2022

vii) **ABCCChem**