



FASC Newsletter 5, May 2022

The organisation for the upcoming ABCChem meeting (and FASC General Meeting) are now well underway. Registration is now open. It is important that all African Chemistry Societies who will have their members attend the event make sure that their Societies register with the conference to become OPOs (for FREE). This will mean lower registration costs for their Society delegates (see below).

Neil Coville



Content

ABOUT FASC

- **FASC website**
- **FASC membership and invoices**
- **What does FASC do?**
- **Advertising in the FASC newsletter**

CHEMISTRY NEWS

- **Frontiers in Chemistry**
- **African Chemical Society and other news**
 - i) Mauritius: Talk by Prof Langer
 - ii) Mauritius: Virtual Conference on Chemistry and its Applications
 - iii) FASC – ABCChem fees
 - iv) FASC – ABCChem. Plenary lecturer: Dr Temechehn Engida
- **Open Access publishing**
- **International Year of Basic Sciences for Sustainable Development**
- **Young Chemist's news**
 - i) 26th IUPAC International Conference on Chemistry Education
 - ii) African Young Chemists Network (AYCN)
 - iii) International Young Chemists Network (IYCN)
- **Royal Society of Chemistry News**
 - i) GSK/RSC Hands-On GC-MS & LC-MS Training Courses

- ii) Funding opportunities for RSC member
- iii) Pan Africa Chemistry Network

AFRICAN JOURNALS

African Journals of Chemistry

CONFERENCES/WORKSHOPS

- i) Virtual Conference on Chemistry and its Application
- ii) ACRISE 2022, 5th African Conference on Research in Chemical Education
- iii) 45th Annual International conference of the Chemical Society of Nigeria.
- iv) 44th SACI Convention 2023.
- v) The 2nd African Traditional and Natural Product Medicine Conference
- vi) ABCChem. Marrakech,
- vii) Kenya Chemical Society
- viii) CATSA 2022
- ix) NanoAfrica 2022
- x) Post-graduate Summer School on Green Chemistry
- xi) 26th IUPAC International Conference on Chemistry Education
- xii) African Materials Research Society (AMRS) Dakar, Senegal.

DETAILED CONFERENCE INFORMATION

New conferences data given at the end of the newsletter. See FASC website for older data:
<https://www.faschem.org/>

ABOUT FASC

FASC website

The FASC website is now up and functioning. Over the past month, information on the FASC history/the updated FASC constitution/old copies of the newsletter/copies of the African J of Chemistry etc., etc. has been loaded to the site. <https://www.faschem.org/>

FASC membership and invoices

Payment of fees

Payment of fees has proven to be an issue for many Societies. Transfer of monies to the FASC account has not been simple for some.

To circumvent this problem it has been suggested that payment can be made at the ABCChem meeting in December. It is suggested that this could be done in US dollars at the FASC GM. This could be paid for the two years (2022/2023).

Importantly payment will be required to VOTE (be a voting member) at the GM.

To make the payment at the GM it is important that Societies apply for membership BEFORE the GM.

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

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

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, 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>)

Publication will take place later in 2022

African Chemical Societies and Other News

i) Mauritius: Talk by Prof Langer



Sustainable BioTech for the African region

Prof Robert S Langer

Massachusetts Institute of Technology, USA





Prof Robert Langer is highly regarded for his contributions to medicine and biotechnology. He is one of 12 Institute Professors at MIT and is considered a pioneer of many new technologies including the nanoparticle-based mRNA Moderna vaccine. Moderna is developing mRNA vaccines for a wide range of diseases beyond Covid-19.

Prof Langer's patents have been licensed or sublicensed to over 400 pharmaceutical, chemical, biotechnology and medical device companies. He will share his experience with us in view to support Biotechnology development in the African region. The new global challenges require the African region to engage into collaborative networks capitalizing on individual strengths for problem-solving. The Government of Mauritius has recently set-up its Mauritius Institute of Biotechnology to facilitate the setting-up of Biotechnology companies for the African region including vaccine production.

To be covered during the talk and Q & A session

- Prof Langer's experience in the development of biotech companies, scaffolds for regenerative medicine and university spin-off
- Early investment in spin-off
- Contract manufacturing – Case of Moderna Vaccine
- The human capacity required for a regional Biotech Industry development
- R and D requirements for such an endeavor
- Timeline for making this happen
- The sustainability of this enterprise in the African context

Date: Monday 6th June 2022

Time: 16 55 – 17 55 (Time zone: GMT/UTC + 4)

Zoom meeting: Meeting ID: 836 6336 7491, Passcode: 838163


Contact: Prof Archana Bhaw-Luximon, CBBR, University of Mauritius

Email: a.luximon@uom.ac.mu

ii) Mauritius: Virtual Conference on Chemistry and its Applications

8th-12th August 2022, VIRTUAL event. vcccamru@uom.ac.mu


Virtual Conference on Chemistry and its Applications
"Resilience and Sustainable Research through Basic Sciences"



8 – 12 August 2022

Abstract submission
15-May-2022
Extended till 31 May 2022




✉ vcccamru@uom.ac.mu






Scan me for details!

This virtual conference will provide an online platform for participants to present, share and discuss recent findings of their research covering all topics related to Chemistry and interdisciplinary Sciences.

We will be graced by the participation of three Nobel laureates.

iii) FASC – ABCChem - fees

Registration is now open

Registration Fees: All In-Person Attendance

Attendee Type	1 June – 31 August 2022	1 September – 16 December 2022
Society Member	450 USD	500 USD
Non-Member	600 USD	650 USD
Student	200 USD	250 USD
Guest	100 USD	100 USD

Society Member

Member fees are available to members of the [Sponsoring and Participating Societies and Official Participating Organizations](#). During registration attendees will be required to enter their society member ID number. Note that for the American Chemical Society the Society Member Fee is for people with the [Premium Membership Package](#).

Non-Member

Non-Member fees are for any participant who is not a member of a member society or official participant organization and is not a student.

Students

Student registration fees are available to full-time students enrolled in an undergraduate or graduate degree program. Post-doctoral fellows are not students.

Guest (Accompanying Person)

Guests are spouses or other family members who wish to attend the Welcome Reception, Closing Banquet, and enter the Exhibits. Guests who plan to attend the technical sessions must purchase a

full (member, non-member, or student) registration. Children who are 16 yrs and younger do not need to register if accompanied by a **conference-registered adult**.

Virtual Attendance

As of March 2022 the planning committee has designed to the conference to be fully in-person (no virtual presentations or virtual attendance). However, if virtual attendance becomes an option the details will be announced in the fall of 2022.

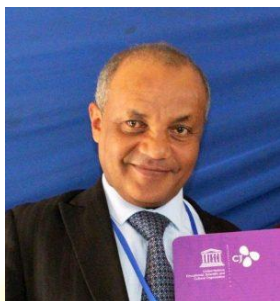
iv) Plenary speakers at the ABC Chem event: Dr Temechehn Engida

ABC Chem
ATLANTIC BASIN CONFERENCE ON CHEMISTRY

**13-16 DECEMBER 2022
MARRAKECH, MOROCCO**

 CHEMISTRY, BIOLOGY & HEALTH Professor Kelly Chibale Department of Chemistry University of Cape Town South Africa	 EDUCATION & SCIENCE COMMUNICATION Dr. Temechehn Engida Program Officer UNESCO-IICA Ethiopia	 GREEN CHEMISTRY Professor Jillian Buriak Department of Chemistry University of Alberta Canada	 MATERIALS & NANO CHEMISTRY Professor Teri Odom Department of Chemistry Northwestern University & Nano Letters United States
--	---	---	---

A number of African speakers will deliver Plenary lectures at the event. Dr Engida, from Ethiopia, will give the Plenary lecture in the area: Education Science and Communication.



FASC

Dr. Temechehn Engida has been the Programme Officer for ICT Use in Education at the UNESCO-International Institute for Capacity Building in Africa (IICBA) since October 2003. He has been designing and implementing many education and ICT projects for Africa, some of which are the ICT-enhanced Teacher Standards for Africa, ICT-enhanced Teacher Development Model, and Contextualizing Science Teacher Education in Africa Using Open Source Software.

Prior to this, he spent about 15 years in the Addis Ababa University (AAU), Faculty of Education, teaching both undergraduate and postgraduate (MA and PhD) courses as well as researching and advising research works through face-to-face and distance modes. He was the first Associate Dean for Research and Postgraduate Programs of the Faculty of Education in the AAU. He served as the founding President of the Federation of African Societies of Chemistry and is serving as Editor-in-Chief of the African Journal of Chemical Education.

Taken from conference web site.

Open Access publishing

Article published in Wiley: Where is Open Access Publishing Heading? ‘This article attempts to address some of these frequently asked questions’. The article lists the various Open Access models available to authors.

Model	Cost	Embargo/Time	Copyright	“True” Open Access ^[a]
Green	None for the preprint, postprint usually subscription-based	Yes, depending on the publisher	Preprint with the author, postprint with the journal	No
Bronze	Subscription-based	Time-limited	With the journal	No
Gold	APCs for the authors	No embargo period	With the authors	Yes
Diamond/Platinum	APCs covered through different model	No embargo period	With the authors	Yes

[a] According to the Berlin Declaration of 2003 [3], relating to, among others, [creative commons](#) licensing.

Francesca Rita Novara, Axel Straube; May 3, 2022; **Copyright:** Wiley-VCH GmbH; **DOI:** 10.1002/chemv.202200036

International Year of Basic Sciences for Sustainable Development

The *International Year of Basic Sciences for Sustainable Development* was proclaimed by the 76th session of the United Nations General Assembly, 2 December 2021 for 2022, stressing that the applications of basic sciences are vital for advances in medicine, industry, agriculture, water resources, energy planning, environment, communications and culture, and that basic sciences inspired technologies respond to the needs of humankind by providing access to information and increasing societal well-being, and promoting peace through improved collaboration toward Sustainable Development Goals (SDGs). The official inauguration will take place on 8 July 2022 with an opening conference at the United Nations Educational, Scientific and Cultural Organization (UNESCO) headquarters in Paris, France. The year will conclude in June 2023.

[International Year of Basic Sciences for Sustainable Development 2022 \(IYBSSD 2022\)](#).

Younger Chemists' News

i) Post-graduate Summer School on Green Chemistry

14th Green Chemistry Post graduate Summer School Venice 3-8 July 2022

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

The event, which will take place in Venice, is aimed at young researchers in chemistry and related sciences, offering the opportunity to follow a program of intensive lectures, taught by first ranked Professors accredited to major International Institutions and research Institutes (<https://research.com/scientists-rankings/chemistry>). Through 5 days of lectures carried out by Relevant Teaching Professors, present their researches, wide their vision by being in contact with other students from different countries and challenge themselves to find sustainable and green solutions to nowadays issues.

Link for apply -> <https://www.greenchemistry.school/apply/>

Deadline for applications for students on site: 1st of June 2022.

Period of online registration: Applications will be possible on 2nd-30th June 2022.

Participation Fee on site: 700€ (accommodation in Camplus Santa Marta: <https://www.camplusapartments.it/it> for 5 days, breakfasts and lunches included)

Participation Fee online: 65€

We already received many applications of students from 37 Developing Countries, and we expect about 250 students this year. We look forward to meet you all!!

Sponsorship applications are still open for companies/industries/people who would like to be part of **Green Chemistry Postgraduate Summer School** 2022.

The Organizing Committee

E-mail: green.chemistry@unive.it; Web: <https://www.greenchemistry.school/>

ii) 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

iii) International Young Chemists Network (IYCN)

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

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 for which we are still open to applications. 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	13-17th June 2022
LC-MS	Kenya	4-8th July 2022
LC-MS	Kenya	22-26th Aug 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, 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)

See the FASC web site for listing

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

CONFERENCES/WORKSHOPS

Upcoming events

- i) **Virtual Conference on Chemistry and its Applications**, 8th-12th August 2022, VIRTUAL event. vcamru@uom.ac.mu
- ii) **ACRISE 2022, 5th African Conference on Research in Chemical Education**, 7th-9th December 2022, Cairo, Egypt. <https://arice.online>
- iii) **45th Annual International conference of the Chemical Society of Nigeria**. Yola, Nigeria, 18-23 September 2022. conferencehelpdesk22@chemsociety.org.ng
- iv) **44th SACI Convention 2023**. Stellenbosch, SA, 9-13 January 2023
- v) **The 2nd African Traditional and Natural Product Medicine Conference**, Ranch Hotel, Limpopo, SA, 19-21 October 2022
- vi) **ABCChem**. Marrakech, Morocco, 13-16 Dec 2022,
- vii) **Kenya Chemical Society**, Kisumu City, Kenya. 23-24 June 2022, www.kenyachemicalsociety.org (see FASC website)
- viii) **CATSA 2022**. Drakensberg South Africa 13-16 Nov 2022 www.catsa.org (see FASC website)
- ix) **NanoAfrica 2022**. 23-29 October 2022, Cape Town. info@nanoafrica2022.co.za (see FASC website)
- x) **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/> (see FASC website)
- xi) **26th IUPAC International Conference on Chemistry Education**. 18-22 July 2022, Cape Town (see FASC website)
- xii) **African Materials Research Society (AMRS 2021)**. 12-15 Dec 2022, Dakar, Senegal www.africanmrs.net (see FASC website)

Detailed conference information

i) Virtual Conference on Chemistry and its Applications

**OVERVIEW**

The Virtual Conference on Chemistry and its Applications (VCCA-2022) will be held from 8 to 12 August 2022. The theme is "Resilience and Sustainable Research through Basic Sciences".

With resilience and sustainability, research in Basic Sciences can be useful to achieve some of the Sustainable Development Goals set by the United Nations.

This virtual conference will provide an online platform for participants to present, share and discuss recent findings of their research, covering all topics related to chemistry and interdisciplinary sciences, in the prevailing crisis the world is facing due to war and COVID-19.

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
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

DEADLINES

Abstract Submission	15th May 2022 Extended till 31 st May 2022
Notification of Acceptance	15 th June 2022
Early Registration	1 st July 2022
Presentation Submission	15 th July 2022
Full Paper (Optional)	1 st November 2022

Three Nobel laureates confirmed their participation in VCCA-2022.

The virtual conference will be held online and there will not be the need to travel.
There is no need to be always online as there will not be live presentations.



We look forward to welcoming you, academicians and researchers, to participate in this virtual conference.


Please scan for more information.

Computational Chemistry Group, Department of Chemistry, Faculty of Science, University of Mauritius,
Réduit 80837, Mauritius

+230 4037507 vccamru@uom.ac.mu cchemuom

Federation of African
Societies of Chemistry

ii) **ACRICE 2022, 5th African Conference on Research in Chemical Education**



ACRICE 2022
5TH AFRICAN CONFERENCE ON RESEARCH IN CHEMISTRY EDUCATION
 7th - 9th December 2022
 Cairo, Egypt
Mark Your Agenda

Under patronage of
Prof. Dr. Mahmoud El-Meteini

Hosted by:
Ain Shams University, Cairo, Egypt.

Conference Chair:
Prof. Dr. Farouk Fahmy

Chair of Scientific Committee:
Prof. Dr. Nadia Kandile

Chair of Organizing Committee:
Prof. Dr. Ghada Bassioni

Venue: Ain Shams University - IHUB
 EL-Khalifa El-Maamoun Street - Ain Shams Students Dormitory, Cairo, Egypt

<http://acrice.online>

i) **44th SACI Convention 2023**

