

FASC Newsletter 8, September 2021

The ABCChem has now sent out its first call for topic proposals for the December 2022 event to be held in Morocco. Two reports are also included in the newsletter – indicating the participation of students (IUPAC Green Chemistry event) and woman (IUPAC women's breakfast) in 2021 events. In addition, a number of avenues are open for publications from African chemistry authors (Chemistry Africa, Frontiers Chemistry and an IUPAC book on Green Chemistry). A reminder as well of the Commonwealth Chemistry conference and the GSK/RSC Hands-On LCMS & GCMS Training Courses.

Neil Coville

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DETAILED CONFERENCE INFORMATION

ABOUT FASC

Information for the newsletter

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

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 Beth in the FASC office

FASC member countries

We are currently attempting to upgrade our country membership list. There is a small charge associated with membership. Please contact the treasurer, Prof Yonas Chebude for information (yonasc@faschem.org; yonasdb1@yahoo.com).

CHEMISTRY NEWS

Corona virus data

The numbers of virus cases (and deaths) keeps rising. However, there are many sites now available that summarise the current status of drug development.

i) Some useful sites for hard data







https://ig.ft.com/coronavirus-global-data https://ourworldindata.org/coronavirus/ https://www.worldometers.info/coronavirus/

FRONTIERS IN CHEMISTRY - SPECIAL VOLUME ON AFRICA

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

Submission of a paper to the special edition of *Frontiers in Chemistry*: Celebration of the 15th Anniversary of FASC

To achieve this we have partnered with Frontiers in Chemistry (impact factor 3.69). It is our hope that as we enter the 15th year of FASC, we can showcase with Frontiers in Chemistry some of the excellent work produced by chemists on the African continent and elsewhere who have over the years been part of the FASC family to celebrate this continental organization.

Frontiers in Chemistry is an Open access journal and thus costs will be borne by the authors. We have however <u>negotiated with Frontiers in Chemistry to obtain reduced rates for authors</u>. Authors will need to negotiate the discounts directly with Frontiers in Chemistry, as the discounts will be country dependent. Details for this can be obtained from:

Lucy Chappel

Journal Specialist, Frontiers in Chemistry Frontiers Editorial Office – Publishing Development chemistry@frontiersin.org

We welcome submissions of Original Research, Review, Mini Review, and Perspective articles that address:

- Any area of chemical research from the African continent
- A focus on Green Chemistry, which has been a focal point of FASC meetings
- Exciting new results, recent work or topical reviews that provide insights to areas of chemistry where the authors have worked extensively

Prof James Darkwa Guest editor

African Chemical Society News

i) FASC – ABCChem call for topic proposals











Atlantic Basin Conference on Chemistry
Linking the World Through Chemistry
13-16th December, 2022 | Marrakech, Morocco.
Submission Deadline: 28 October, 2021

Notification of acceptance by: 31st January 2022

The Organizing Societies of the Atlantic Basin Conference on Chemistry are pleased to announce that the <u>Atlantic Basin Conference on Chemistry</u> (ABCChem) will be held December 13 – 16, 2022 in Marrakech, Morocco. The ABCChem Technical Programming Committee invites symposium proposals related to the conference theme of "Linking the World Through Chemistry."

Proposals may be submitted to the following topic areas:

- Chemistry, Biology & Health
- Green Chemistry
- Materials & Nanochemistry
- Education & Science Communication

The program will highlight recent contributions by chemical scientists that have improved the quality of life in the Atlantic Basin and throughout the world, as well as identify opportunities and challenges for the future.

Proposals should include the following information:

- A brief description of the proposed symposium, including which topic area the session falls under
- A short statement describing the rationale for including this symposium as part of ABCChem
- A list of proposed speakers with affiliations

Please submit your proposal by 28th October, 2021 at https://app.smartsheet.com/b/form/53064f9dc60d449abeb8e9180067accf. - The Technical Programming committee will review the symposia proposal submissions and send acceptance notices by 31st January, 2022.







ii) South Africa

Report on the Global Women's Breakfast (#GWB2021), "Empowering Diversity in Science.

The Global Women's Breakfast is a worldwide annual event conceputalised by the International Union of Pure and Applied Chemistry (IUPAC). The purpose of the event is to highlight an ongoing need to build a network of both women and men working together to address the barriers and inequalities faced by women in the sciences. The theme for the 2021 event (#GWB2021) held on 12th February 2021, was "Empowering Diversity in Science", a theme that has garnered much attention as a means to promote full inclusion of talents in a historically male-dominated field. Being an international federation of National Adhering Organisations representing chemists in individual countries, IUPAC is in a unique position to serve as a global platform where these issues can be addressed.

In South Africa, the IUPAC virtual event was co-hosted by the Central and Western Cape sections of the South African Chemical Institute (SACI; an IUPAC affiliate) in association with the School of Chemistry (WITS). The event was organised by Dr Sadhna Mathura and Prof. Nicoletta Báthori. Dr Mathura (School of Chemistry, WITS) opened the event and Prof. Báthori (Cape Peninsula University of Technology (CPUT)) shared the history of #GWB events. The event was further supported by a message from WITS' Vice Chancellor & Principal, Prof. Zeblon Vilakazi.

Guest speaker, the Redmond Barry Distinguished Prof. Frances Separovic (Deputy Director: Bio21 Institute; University of Melbourne, Australia) gave an insightful talk into her journey as an academic. Frances' experience as a woman in the sciences resonated with several women in the audience. She was followed by Ms Bianca Davids (School of Chemistry, WITS) who gave an address on the International Younger Chemists Network (IYCN) and the African Younger Chemists' Network (AYCN). The main event, a panel discussion around the theme was facilitated by Ms Megan Matthews (Stellenbosch University, SU). The panel consisted of a diverse group of ladies from across the country and sectors (Prof. Bice Martincigh, UKZN; Prof. Patricia Forbes, UP; Mrs Suzanne Finney, Impala Platinum Ltd.; and Dr Rehana Malgas-Enus, SU). The event was closed by Ms Davids.

The event was very well received, and attended by at least 60 people, both nationally and internationally. The younger demographic expressed interest in getting more involved in the Chemistry communities both locally and internationally and were subsequently directed to organisations such as SACI, IYCN and AYCN.

Links: https://iupac.org/gwb/

Reference pictures:









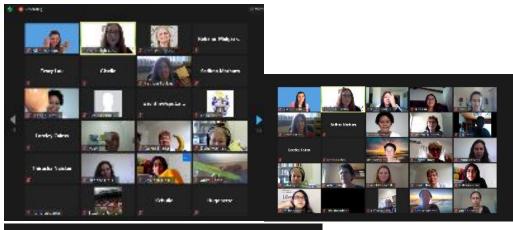


Federation of African Societies of Chemistry











Dr Mathura and Ms Davids

iii) Mauritanian Chemical Society

Chemistry Africa, a Journal of the Tunisian Chemical Society, is preparing a special issue entitled: Hexavalent Chromium: Sources, Toxicity, and Remediation. Deadline for submission: 30 September 2021.

All other information regarding for instance subjects of papers for this topical issue, submission ____-guidelines, ___-etc. ___-can ___-be ____-found at: https://www.springer.com/journal/42250/updates/19260984

Prof. Modou Fall,

Member of the editorial board of Chemistry Africa.

Report: IUPAC Post-graduate Summer School on Green Chemistry

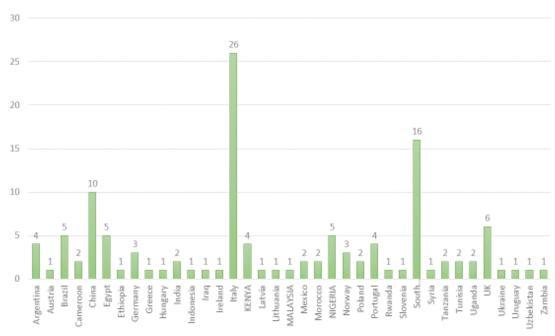
The IUPAC Post-graduate Summer School on Green Chemistry was held in Venice, Italy from 4-10th July 2021(www.greenchemistry.school). This highly successful event attracted many of the World leaders in Green Chemistry including Nobel Laureate, Prof JM Lehn. It was held in both virtual and attendee modes that allowed for many participants to attend from all over the world. It is quite remarkable the number of African students who attended the event. Of the 130 students who participated (from 39 countries), 42 were from Africa, many of whom presented posters on their research studies. This number represents about 30% of the students who participated. The registration fees of many of these students were covered by the organisers of the School. The graph below shows the breakdown of the students according to their home country. (data taken from the conference report supplied by Prof Tundo).







130 Students from 39 countries



Data taken from the conference report supplied by Prof Tundo.

Neil Coville

Green and Sustainable Chemistry – submission of articles from African chemists

Green and Sustainable Chemistry is an important theme in FASC.

i) IUPAC book on Green Chemistry

FOR A BOOK ON

GREEN CHEMISTRY IN SUB-SAHARAN AFRICA

(IUPAC PROJECT 2021-005-1-041, https://iupac.org/project/2021-005-1-041)

ii) Chemistry Africa – call for papers

A call for papers for the special issue of **Chemistry Africa** on "**Hexavalent chromium: sources, toxicity and remediation**" has been made.

The journal is indexed in ESCI (Web of Science) and has been approved for indexation in Scopus. See the web page for more details

https://www.springer.com/journal/42250/updates/19260984?detailsPage=societies The deadline for submission is 30th September, 2021.

Mohamed Mehdi Chehimi,







Younger Chemists' News

Issue 8 September, 2021

i) 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

ii) 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

Royal Society of Chemistry News



GSK/RSC Hands-On LCMS & GCMS Training Courses

Rescheduled dates for 2021

We are now underway with the rescheduled Royal Society of Chemistry and GSK Hands-On LC-MS (Liquid Chromatography with Mass Spectrometry) and GC-MS (Gas Chromatography with Mass Spectrometry) training courses for 2021.

Priority will be given to those who were accepted to attend the cancelled 2020 courses, but places do remain on several courses later in the year. Please see the timetable below for forthcoming courses. Further updates will be sent as applications open for the courses over the coming months and full details will be provided on www.rsc.org/events/africa. Please email Africa@rsc.org with any enquiries.







Course Type	Location	2021 Dates
GCMS	Ghana	06 - 10 Sept 2021
GCMS	Ethiopia	8 - 12th Nov 2021
GCMS	Nigeria	15 – 19 Nov 2021
LCMS (Extra)	Ghana	Late Oct/Early Nov 2021 (prov dates)

Commonwealth Chemistry News

Register now for the 2nd Commonwealth Chemistry Posters – *Building Networks to Address the Goals*, 30th September – 1st October, 2021

A unique opportunity awaits you at this year's 2nd Commonwealth Chemistry Posters. The only chemistry poster event that is delivered by and for Commonwealth countries, it gives you the chance to engage with top chemists, to find potential collaborations and to network with your peers. Plus, if you are an early career chemist, you have the opportunity to present a poster of your work to a wider audience – a potential springboard to new opportunities and collaborations.

As a collective of over 40 Commonwealth countries, <u>Commonwealth Chemistry</u> brings together individuals, communities and organisations working in the chemical sciences to develop networks, promote collaboration and address shared problems set out in the United Nations Sustainable Development Goals (SDGs).

Improving human health, sustainable food production, clean energy, reducing pollution, reducing waste ... chemical scientists across the Commonwealth are working on solutions to transform our world. Commonwealth Chemistry Posters is one of the ways in which we celebrate and elevate the role and practice of the chemical sciences, to society and policymakers across the Commonwealth.

Why attend?

Early career chemists:

- Present a poster of your work to scientists from across the Commonwealth and reach a wider audience – you could also win a 'best poster' prize
- Discuss your work with those who may be addressing the same sustainable development goals, share methodologies and challenges
- Grow your network and the potential for new collaborations at a critical time in your career

For established chemists:

- Expand your networks and discover new talent in your field
- Find out about research taking place around the Commonwealth, related to your area of interest.
- Seek out potential new collaborations
- Help guide early career chemists by sharing your knowledge and experience

Early career chemists – call for abstracts Deadline: 9 August 2021

For a chance to present your work, please submit an abstract on one of these six topics:

• Biodiversity and natural products







- Energy and materials
- Food and agriculture
- Green chemistry and catalysis
- Health and well-being
- Water and environmental chemistry

Submit an abstract

This event is open to all Commonwealth nationals and places are limited so we strongly recommend that you register early.

On behalf of Commonwealth Chemistry

AFRICAN JOURNALS OF CHEMISTRY

Journals in Africa (Chemistry)

Scientific African

Published by the <u>Next Einstein Forum</u> 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_aww_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.scmauritania.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

Enquiries and manuscripts should be addressed to the Editor-in-Chief: email eic@faschem.org, PO Box 2305, Addis Ababa, Ethiopia. AJCE, 2016, 6(1) ISSN 2227-5835







The online version appears in the FASC website (<u>www.faschem.org</u>) and in the AJOL website (<u>www.ajol.info</u>).

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

Journal of the Chemical Society of Nigeria

<u>csnjournals@gmail.com</u>; <u>csnjournals@yahoo.com</u>; <u>editor@chemsocnigeria.org</u>

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: aipac@academicjournals.org help desk: helpdesk@academicjournals.org;

<u>URL</u>: <u>www.academicjournals.org/journal/AJPAC</u>

CONFERENCES/WORKSHOPS

Upcoming events

- i) AfLS3-2012:African Light Source ePCCr:Pan-African conference on Crystallography Online AfPS-2-21:Africa Physical Society; 15th -19th November 2021 conference@africanlightsource.org
- ii) **Moroccan Association of Catalysis and Environment AMCE, N**ovember 23-25, 2021 http://amcemorocco.com/
- iii) Mauritanian Chemical Society; 3rd International Chemistry Days, JIC 2021
 Mauritanian Chemical Society will be organising its third International Chemistry Days, JIC 2021 (3èmes Journées Internationales de Chimie) from 9-11 December 2021, Tfeila Hotel, Nouakchott, Mauritania. Further information can be found at: http://www.scmauritania.org/jic2021/
- iv) IUPAC CHEMRAWN XXII E-waste in Africa conference, 9-11 November, 2021, Lagos, Nigeria
- v) XVth International Symposium on Environment, Catalysis and Process Engineering 23 -25 November 2021 Marrakech, Morocco
- vi) **26th IUPAC International Conference on Chemistry Education,** 18-22 July 2022, Cape Town
- vii) African Materials Research Society (AMRS 2021) 12-15 Dec 2022, Dakar, Senegal www.africanmrs.net
- viii) ABC Chemistry conference 13-16 Dec 2022, Marrakech, Morocco







Detailed conference information

i) AfLS3-2012:African Light Source ePCCr:Pan-African conference on Crystallography Online AfPS-2-21:Africa Physical Society













ii) Moroccan Association of Catalysis and Environment – AMCE

Conference Dates: November 23-25, 2021 Abstract Submission Opens: October 29, 2020 Registrations Opens: November 02, 2020

Phone: 00212.661.081.734

Website: http://amcemorocco.com/

DearECGP Participant,

The Moroccan Association of Catalysis and Environment(AMCE) and United Scientific Group (A non-profit organization) cordially invites you to participate in ECGP'15-2021. It is the first time in 15 years AMCE together with USG A non-







profit organization based from Texas, USA. The purpose of this innovative and comprehensive forum is to introduce the latest research and development on Environment, Catalysis and Process Engineering as well as their applications.

Regards,

ECGP Conference Secretary

IMPORTANT DATES

First Round of Abstract Submission Ends: January 26, 2021

Early Bird Registration: Before January 28, 2021

Second Round of Abstract Submission: After January 26, 2021

Mid-term Registration: After January 28,2021

SESSION TOPICS: THE THEMES THAT WILL BE TREATED IN THIS **SYMPOSIUM**

Liquid phase and gas phase catalysis applied to the environment

Quality of water resources (Chemical Analysis, Biological Analysis impact of pollution)

Other Treatment Processes (Membrane; oxidation, Biological)

VOCs and Solid Waste

Air quality

Odor Treatment

Chemical Engineering applied to the Environment

Green Chemistry

: causes and consequences

Management of water resources at the basin scale

ECGP Chair: Prof. Abdelhak Kherbeche University Of Sidi Mohamed Ben

Abdellah, Fez - Morocco

Conference Secretary: Rajendranath Sunkara

Organizer: Moroccan Association of Catalysis and Environment **Co-organizer:** United Scientific Group (A non-profit organization)

Moroccan Association of Catalysis and Environment - AMCE

abdelhak.kherbeche@usmba.ac.ma











iii) IUPAC CHEMRAWN XXII E-waste in Africa conference









iv) XVth International Symposium on Environment, Catalysis and Process Engineering (23 - 25 November 2021 | Marrakech, Morocco)



Conference Dates: November 23-25, 2021 Abstract Submission Opens: October 29, 2020 Registrations Opens: November 02, 2020

Contact info: Abdelhak.kherbeche@ecgpmorocco.com; 00212-661-081-734

v) 26th IUPAC International Conference on Chemistry Education

The Covid-19 pandemic has led to profound changes in the way we work and live. The current steep increase in cases as well as the uncertainty about international travel means that it is no longer feasible to host the 26th IUPAC International Conference on Chemistry Education in Cape Town in January 2021. The IUPAC Committee for Chemistry Education has agreed to a further postponement of the conference to July 2022. The conference will be known as **ICCE 2022**. Preliminary information about **ICCE 2022** is given below.

Dates: 18-22 July 2022

Venue: Lagoon Beach Hotel and Conference Venue

Please address any questions to <u>icce2022@allevents.co.za</u> and consult the website, <u>https://www.icce2022.org.za/</u>, for regular updates.

The Local Organising Committee for ICCE 2022

For registration queries: +27 (0)21 910 1913 • email: icce2022@allevents.co.za

Event Organiser office: +27 (0)21 712 0571

email: icce@eventmanagmentsolutions.co.za







vi) ABC Chemistry Conference 2022

The conference date has been moved to December 2022. It will be held at the Palais des congrès –Marrakech, Morocco. FASC will be hosting the event.

We are hoping to have an excellent turnout from African member countries at this event. More information will be made available in the months ahead.







Federation of African Societies of Chemistry





