



# FASC

**Federation of African  
Societies of Chemistry**

## FASC Newsletter 2, February 2020

*Dr Helen Driver who has played a key role in PACN-Africa interactions over the past 6 years will be leaving the RSC. It is with sadness that we bid her farewell. She played a key role in the training of young (and old!) chemists over the years and her cheerfulness and enthusiasm will be missed by all who interacted with her. We wish her well in her new career.*

*The latest AJCE has been published and the contents page is included below.*

Neil Coville

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**3<sup>rd</sup> International Conference on Pure and Applied Chemistry (ICPAC-2020)**, Mauritius  
**4<sup>th</sup> International Symposium on Halogen Bonding** South Africa  
**Fourth symposium on Analytical Chemistry for Sustainable Development (ACSD 2020)**, Morocco.  
**NanoAfrica 2020 Johannesburg**, South Africa.  
**26<sup>th</sup> IUPAC International Conference on Chemistry Education**, South Africa  
**First Commonwealth Chemistry Congress**, Trinidad and Tobago

### Information for the newsletter

Please send all information to either Beth ([admin@faschem.org](mailto:admin@faschem.org)), Emmanuel Ohaekenyem ([ec.ohaekenyem@unizik.edu.ng](mailto:ec.ohaekenyem@unizik.edu.ng)) or to me ([neil.coville@wits.ac.za](mailto:neil.coville@wits.ac.za))

Beth has placed all earlier newsletters on the FASC website.

### 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](mailto:yonasc@faschem.org) ; [yonasdb1@yahoo.com](mailto:yonasdb1@yahoo.com)).

### Helen Driver



*Dr Helen Driver MRSC; Senior Programme Manager, Africa; Royal Society of Chemistry, UK*

Helen worked with the PACN for 6 years and is now moving to the Research Office at the University of Cambridge. To quote from her farewell letter “Working with the African science community has been an absolute privilege, and this particularly includes the whole team who have worked on the analytical training. Working together on this programme has

been one of the highlights of my career and I am so proud of what we have achieved together. We have now trained over 350 people, and it is impacting on research, teaching and also government standards agencies and forensics”.

Some highlights from her work in Africa

#### ***GCMS/LCMS;***

> 460 African scientists trained in analytical techniques by the end of 2020

Trained 15 local trainers including 5 women

Published a bespoke textbook for course attendees.

Delegates from 26 African countries have attended since 2016

#### ***PACN Congresses***

2017 – Ghana, 2018 – Kenya, 2019 – Ethiopia, 2020 – Nigeria (TBC).

#### ***FASC support***

A strong supporter of FASC and the FASC congresses

***Background information on Helen:*** Helen graduated from Loughborough University, UK with a BSc in Medicinal and Pharmaceutical Chemistry, which included a year with GSK in Harlow, UK. She moved to the University of Bath to study for her PhD with Prof Barry Potter. This was focussed on the design and synthesis of compounds with anti-prostate cancer activity. She completed her PhD in 2008 and took up a role with the UK's Engineering and Physical Sciences Research Council (EPSRC). In 2011, she moved to India as the Deputy Director of Research Councils UK India, based at the British High Commission in New Delhi. In 2014 she moved back to the UK to join the Royal Society of Chemistry. She leads the Royal Society of Chemistry activities in Africa, including the Pan Africa Chemistry Network and the Analytical Training Partnership with GSK.

Neil Coville

#### **ABC Chem Conference 2021**

This event will be held at the Palais des congrès –Marrakech, Morocco from 14-18 December 2021. FASC will be hosting the event. Please diarise the date.

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

الجمعية المغربية للكيمياء التحليلية من أجل تنمية مستدامة

Association Marocaine de Chimie Analytique pour un Développement Durable

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## Second Atlantic Basin Conference on Chemistry

### Marrakech



#### Chemical Society news

##### 1) South Africa

##### *IUPAC's Global Women's Breakfast*

This event was held on the 12th Feb 2020 at the University of the Witwatersrand, Johannesburg, South Africa (in association with SACI) with the theme: "building bonds to create future leaders".

Scientists from around the world were invited to participate in the IUPAC 2020 Global Women's Breakfast (GWB2020). This one day global event happened a day after the United Nations Day of Women and Girls in Science. The overall purpose of the GWB2020 is to establish an on-going virtual network where women in the chemical and related sciences can connect with each other in a meaningful way to support their professional aspirations.

The event was well-attended with representation from many of the neighbouring academic institutions as well as some industries. The event was opened to female professionals and students. The event was made possible through generous financial support from the RSC and the School of Chemistry (Wits).





*Report from Dr Sadhna Mathura*

## 2) Nigeria

### ***IUPAC's Global Women's Breakfast***

The President of the Chemical Society of Nigeria, (CSN), Professor Sunday Olawale Okeniyi, has harped on the need to encourage the participation of more women in Chemistry to further provide platforms for mentoring of future leaders globally.

Okeniyi stated this at the 2020 annual IUPAC women's breakfast meeting titled: "Bonding to Create Future Leaders" held at more than 20 chapters of CSN across Nigeria namely; Abia, Abuja, Adamawa, Benue, Ibadan, Ondo, Wukari, Kwara (University of Ilorin), Kwara (Ladoke Akintola University of Technology, Ogbomosho), Kwara (Al Hikma University, Ilorin), Kwara (Emmanuel Alayande College of Education, Oyo), Kaduna (Kaduna State University), Lagos, Warri (Delta), Osun (Bowen University, Iwo), Owerri, Enugu, Port Harcourt (Rivers), Calabar, Abeokuta, Jos, Uyo, and others on Wednesday, 12<sup>th</sup> February 2020. He noted that the meeting is also expected to sensitize the girl child on the prospects of a career in Chemistry.

The president disclosed that the gathering was expected to present a rich and robust body of knowledge, insight and reflection on a thematic consideration of international importance and global relevance. He said, "As I observed in the last two training workshops of women in chemistry, Nigeria that Women have gathered in circles throughout the ages to support one another, to mark the passing of time, to celebrate births, to care for children, and to work together to vision and bring their dreams to life. "Ultimately, women have always gathered to cultivate community.

He further said, in the words of Mel Farrugia, an American Kinesiologist and writer, she said and I quote: "When women gather in sacred circle, in full support of one another, their Oxytocin levels rise." This struck a deep cord of truth, because I have experienced the deep all- encompassing love of being supported and held by women; my mother, my wife, my sisters and all of you gathered here today."

Okeniyi also stressed that, "Searching for more information as a chemist, I discovered a study which proved that Oxytocin is released in both men and women as part of our natural stress

response. What happens after is what makes the difference..... The presence of Oestrogen in women amplifies Oxytocin flow, whilst the rise of Testosterone in men diminishes Oxytocin levels. "Oxytocin is known as the "love" hormone, and when it flows through women's bodies, it reduces stress and boosts love feelings. With its natural rise, Oxytocin encourages bonding amongst women. So the more women gather in friendship for the purpose of enriching lives and making history, the more Oxytocin is released; "It's an organic wanting, a beautiful process encouraging togetherness. A practical example in my house is the little gathering of my wife and daughters which produce in return beneficial results. Therefore, when women gather, great things will happen; when women converge, magic unfolds."

Speaking further, the president opined that, "the gathering is a process of creating future leaders amongst our dear women chemists globally and to elaborate and recreate what quality future leaders are expected to have and do, including accomplishing great feats in a circumstance that they previously were denied.

His words: "Bonding to create future leaders means accepting and allowing women who are on the outside of the decision-making process bond into it as future leaders. "This puts a strong emphasis on participation in political structures and formal decision-making and, in the economic sphere, on the ability to obtain an income that enables participation in economic decision-making.

"Therefore, in order to bond together as women and become quality future leaders in our various endeavours, we must as women chemists cultivate and inculcate the following characteristics of a good leader; honesty and integrity, confidence, being able to inspire others, commitment and passion, good communicator, decision making capabilities, accountability, delegation and empowerment, innovation and creativity, empathy, resilience, emotional intelligence, humility and justifying transparency."

In a similar vein, an Associate Professor of Organic Chemistry, Dr. Modupe M. Adeyemi of the Nigerian Defence Academy (NDA), Kaduna decried short fall and lower proportion of women in leadership positions in Nigeria. She expressed this while presenting a paper titled: "Bonding to create future leaders: Confidence building for the women chemist in leadership roles, during the Global Women-in-chemistry chemical society of Nigeria breakfast 2020 at the Kaduna State University conference and seminar room of the university's postgraduate school in Kaduna.

She said, despite women's numerous potentials and abundant qualities, they are still falling short of men by 20 per cent in leadership cadre. Dr. Adeyemi noted that organizations with greater percentage of women in leadership roles excelled better financially and structurally. She explained that organizations in the top 20 per cent of financial performance have 37 per cent of their leaders as women. She charged women chemist to build their confidence to take over leadership role in the country. In his remarks, the President of the Chemical Society of Nigeria (CSN), Prof. Sunday Okeniyi also commended the initiative of the women in chemistry for their bold steps towards organising and sustaining yearly IUPAC Global Women Breakfast meeting. He said women are strategically positioned in any society, hence the need for women to network for better Nigeria. He equally charged them to co-opt students of the chemistry department to enhance their sense of leadership.

Some of the Pictures taken at various chapters by women chemists and other participants.



*From Professor Sunday Olawale Okeniyi*

## Young Chemists News

News of upcoming events

### 1. Green Chemistry Postgraduate Summer School

The School will be held in Venice from 4th to 10th July 2020 [www.unive.it/ssgc](http://www.unive.it/ssgc).  
<https://iupac.org/event/postgraduate-summer-school-on-green-chemistry/>



This Summer School follows the outcomes of the Symposium “Chemistry addressing UN-17 sustainable development goals” (Paris, IUPAC General Assembly and Congress, 8th July 2019 <https://www.iupac2019.org/sympo-8-5>). Outstanding teachers, major chemical industries, top level students will be participating. Information concerning the 2018 previous edition

at:

[https://www.unive.it/pag/fileadmin/user\\_upload/extra/SSGC/documenti/IUPAC\\_Postgraduate\\_Summer\\_School\\_report\\_20\\_July\\_2018.pdf](https://www.unive.it/pag/fileadmin/user_upload/extra/SSGC/documenti/IUPAC_Postgraduate_Summer_School_report_20_July_2018.pdf)

The 2020 Summer School will be limited to 80 students with 20 teachers. The fee is 600 € + VAT for 6 days in Venice, all included. There may be 35 grants for students from less advantaged Countries, contact the organizer directly. [green.chemistry@unive.it](mailto:green.chemistry@unive.it)

### African Journal of Chemical Education (AJCE)

A PDF version of the January 2020 is available. The online version is available at the FASC website: [www.faschem.org](http://www.faschem.org), under Journal) and the AJOL website ([www.ajol.info](http://www.ajol.info)).

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### **African Journals of Chemistry**

- **Journal of the Kenya Chemical Society (JKCS)**

This is a peer-reviewed multi-disciplinary chemistry journal published by the Kenya Chemical Society (KCS). JKCS publishes findings from all areas of chemistry including organic, inorganic, physical, analytical, materials chemistry and nanoscience, computational chemistry and environmental chemistry. JKCS also publishes reviews in all areas of chemistry. Published articles are available at <https://kenyachemicalsociety.org/journals>. Manuscripts for submission to JKCS should be prepared according to the Template for JKCS articles available at <https://kenyachemicalsociety.org/journals>. The manuscripts should be submitted to the Editor-in-Chief at [eic.jkcs@gmail.com](mailto: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](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.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](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](mailto:eic@faschem.org), PO Box 2305, Addis Ababa, Ethiopia. *AJCE*, 2016, 6(1) ISSN 2227-5835 The online version appears in the FASC website ([www.faschem.org](http://www.faschem.org)) and in the AJOL website ([www.ajol.info](http://www.ajol.info)).

- **South African Journal of Science** [TOC@assaf.org.za](mailto:TOC@assaf.org.za)

- **Journal of the Chemical Society of Nigeria**

[csnjournals@gmail.com](mailto:csnjournals@gmail.com); [csnjournals@yahoo.com](mailto:csnjournals@yahoo.com); [editor@chemsocnigeria.org](mailto: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**  
EditorialOffice: [ajpac@academicjournals.org](mailto:ajpac@academicjournals.org); helpdesk: [helpdesk@academicjournals.org](mailto:helpdesk@academicjournals.org);  
URL: [www.academicjournals.org/journal/AJPAC](http://www.academicjournals.org/journal/AJPAC)
- **Scientific African**  
Published by the [Next Einstein Forum](#) in collaboration with Elsevier.  
<https://www.journals.elsevier.com/scientific-african>

### African Academy of Sciences

Researcher mobility funds to promote collaboration among African and Indian scientists.  
Africa India Mobility Fund

<https://www.aasciences.ac.ke/aesa/programmes/mobility-schemes-africa-india-mobility-fund>

### RSC-PACN news



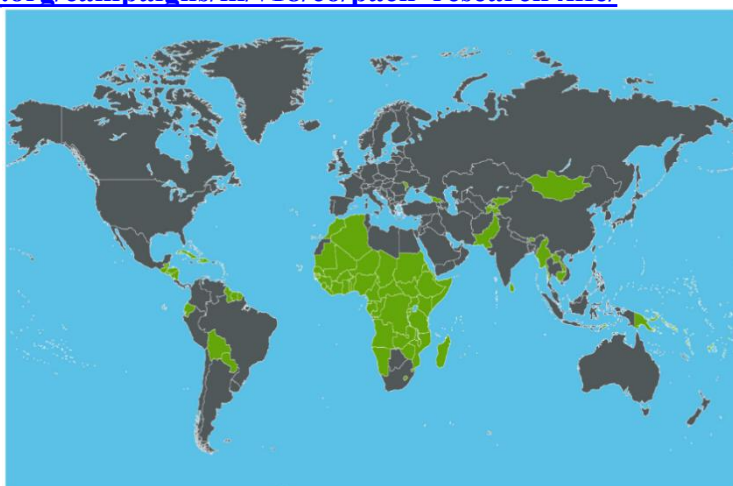
ROYAL SOCIETY  
OF CHEMISTRY

PAN AFRICAN  
CHEMISTRY NETWORK

#### 1) Access to all Royal Society of Chemistry journals

Access is available free of charge to universities and research institutions in 99 developing nations, through our partnership with Research4Life.

[https://www.rsc.org/campaigns/m/v18/co/pacn\\_research4life/](https://www.rsc.org/campaigns/m/v18/co/pacn_research4life/)



This means that if you work at a registered institution in one of these countries, you now have access to everything the Royal Society of Chemistry publishes online.

[Check if your institute is registered with Research4Life](#). If your institute is not yet registered, you can [register your institute here](#).

## 2) Upcoming Events and Conferences Supported by the Pan Africa Chemistry Network

<https://www.rsc.org/events/africa>

GCMS and LCMS courses to be held in Kenya, Ethiopia, Ghana and Nigeria – now open for applications.

We welcome applications from researchers, lecturers, technicians, MSc students and PhD students in the chemical sciences from universities and research institutions across Africa. Full travel allowances (including all travel, accommodation and food) will be provided. We will cover all aspects of: gas chromatography, method development, quantitative analysis and spectral interpretation of GC-MS.

So if you want to develop your practical analytical techniques to solve local challenges and contribute to global scientific knowledge, make sure you give yourself enough time to [check our application criteria](#) and carefully consider your answers to our application questions. You'll also need to arrange a letter of introduction and recommendation if you're a student.

Don't miss out. [Everything you need to know](#) is on our website



- **International Conference on Pure and Applied Chemistry (ICPAC) 6-10<sup>th</sup> July 2020, Flic-en-Flac, Mauritius**

<https://www.rsc.org/events/detail/42578/international-conference-on-pure-and-applied-chemistry-icap>

- **Africans in STEM Symposium, 17<sup>th</sup> April 202, Cambridge, UK**

<https://www.africansinstem.co.uk/>

The event is an opportunity for African/ of African-descent researchers in STEM or individuals working on STEM areas with an African focus, across the UK to connect, share ideas, learn and form collaborations.

- **Fourth Symposium on Analytical Chemistry for Sustainable Development (ACSD 2020), 25<sup>th</sup>-27<sup>th</sup> March, 2020, Marrakech, Morocco, Morocco**

<http://www.amcadd.org.ma/>

## 3) Funding opportunities

<https://www.rsc.org/awards-funding/funding/>

### - *Inclusion & Diversity Fund*

This provides financial support for innovative products, activities and research projects that promote inclusion and diversity in the chemical science community. Up to the value of £5,000.

<https://www.rsc.org/awards-funding/funding/inclusion-diversity-fund/>

### - *Scientific Meetings Grant*



Apply for up to £2,000 to support your scientific meeting. The next closing date is 29 February 2020

<https://www.rsc.org/scienceandtechnology/funding/division-small-grants/index.asp>

- **Assistance grants**

Financial assistance of up to £1,000 per year to help chemists who require additional support to attend professional events such as a meeting, conference, workshop or professional development event.

<https://www.rsc.org/new-perspectives/talent/assistance-grants/>

- **Grants for careers**

You can apply for up to £1,000 per year to help you attend a chemistry-related event. This money would be used to cover any additional costs you incur paying for care that you usually provide.

<https://www.rsc.org/new-perspectives/talent/grants-for-carers/>

- **Pan Africa Chemistry Network**

Funding is also available to support conferences and events in Africa to support African science. Please contact [Africa@rsc.org](mailto:Africa@rsc.org).

## Commonwealth Chemistry (CC)



### 1) Commonwealth Chemistry Congress



***First Commonwealth Chemistry Congress – Partnerships for the Goals  
The University of the West Indies, Trinidad and Tobago, 18-21 May 2020***

Commonwealth Chemistry, the Federation of Commonwealth Chemical Sciences Societies, is delighted to announce that the inaugural Commonwealth Chemistry Congress (CCC) will take place at the Trinidad and Tobago campus of the University of West Indies from 18-21<sup>st</sup> May 2020.

The Congress will have a strong focus on early career chemists across the Commonwealth, with the aim of furthering their career development, enabling joint research and education activities, and providing training on policy and communicating research outputs.

<https://www.rsc.org/events/detail/40292/first-commonwealth-chemistry-congress>

## Funding opportunity

**The Intra-Africa Academic Mobility Scheme fourth Call for proposals published**

***The European Union will invest further €10 million in projects to promote student and staff mobility in Africa under the Intra-Africa Academic Mobility Scheme. The fourth Call for proposals was published on 19 February 2020 with a deadline for submission of applications on 19 May 2020.***

The Education, Audiovisual and Culture Executive Agency (EACEA) of the European Commission published on 19 February 2020 the fourth Call for proposals under the Intra-Africa Academic Mobility Scheme. The Agency is responsible for managing the programme in collaboration with the [African Union Commission](#) and under the supervision of the [Directorate-General for International Cooperation and Development](#) of the European Commission.

The Intra-Africa Academic Mobility Scheme supports higher education cooperation between countries in Africa. It provides financial support to partnerships of African higher education institutions (HEIs) for the organisation and the implementation within African countries of student mobility in high quality master and doctoral programmes, as well as of staff mobility for teaching, training and research assignments. The overall objective of the scheme is to enhance human capital development in Africa. More specifically, it aims to increase the employability of students, improve the quality and relevance of higher education in Africa and to strengthen the modernisation and internationalisation of African higher education institutions.

The Intra-Africa Academic Mobility Scheme is set up under the [Pan-African Programme](#) based on the experience of the [Intra-ACP Academic Mobility Scheme](#). Twenty-one projects were selected between 2016 and 2019 as a result of the three Intra-Africa Calls for proposals so far.

The recently published fourth Call for proposals is open to HEIs from Africa. Applications must be submitted to EACEA in accordance with the conditions and timetable defined in the [Call for proposals EACEA/07/2020](#). The Lead applicant institution submits the application on behalf of the partnership, which must be composed of minimum 4 and maximum 6 African HEIs (including the Lead applicant). In addition, a HEI from the EU, holding an Erasmus Charter for Higher Education, must be included in the partnership as technical partner. Each project budget is between €1 and 1.4 million. **The deadline for submission of application is 19 May 2020 at 17:00 Brussels Time.**

The selected projects will receive a grant to cover the costs of the organisation of the mobility flows and the scholarships to be awarded to the selected students and staff.

A web-streaming information session will take place on 17 March 2020 to explain the opportunities offered by the intra-Africa Academic Mobility Scheme and in particular its fourth Call for proposals. Speakers will offer advice and tips on how to prepare and submit project proposals. Interested participants can follow the event online via our [live web stream](#) here: [https://eacea.ec.europa.eu/intra-africa/events/intra-africa-academic-mobility-scheme-4th-call-for-proposals\\_en](https://eacea.ec.europa.eu/intra-africa/events/intra-africa-academic-mobility-scheme-4th-call-for-proposals_en).

FOR MORE INFORMATION: Call for proposals EACEA/07/2020

[https://eacea.ec.europa.eu/intra-africa/funding/intra-africa-academic-mobility-scheme-2020\\_en](https://eacea.ec.europa.eu/intra-africa/funding/intra-africa-academic-mobility-scheme-2020_en), also available on the [Funding & tender opportunities](#) portal of the European Commission. **Contact:** [EACEA-IntraAfrica-IntraACP@ec.europa.eu](mailto:EACEA-IntraAfrica-IntraACP@ec.europa.eu)

## Conferences

- 1) **3<sup>rd</sup> Training workshop for Women Chemists**, 1-3 June 2020 University of Port Harcourt, Nigeria
- 2) **10<sup>th</sup> International Conference of the Kenya Chemical Society**, 4-7 Aug 2020, Kisumu City, Kenya
- 3) **3<sup>rd</sup> International Conference on Pure and Applied Chemistry (ICPAC-2020)**, 6-10 July 2020, Mauritius, <http://sites.uom.ac.mu/icpac2020>
- 4) **4<sup>th</sup> International Symposium on Halogen Bonding**, 23-27 March 2020, Stellenbosch, SA
- 5) **Fourth symposium on analytical chemistry for sustainable development (ACSD 2020)**, March 25-27, 2020, Morocco, [www.amcadd.org.ma](http://www.amcadd.org.ma)
- 6) **Nanoafrica 2020** 19-22 April 2020, Johannesburg SA [admin@nic.ac.za](mailto:admin@nic.ac.za)
- 7) **26<sup>th</sup> IUPAC International Conference on Chemistry Education** Cape Town 13-17 July 2020; <https://www.icce2020.org.za/>
- 8) **First Commonwealth Chemistry Congress**, 18-21 May 2020, The University of the West Indies, Trinidad and Tobago
- 9)

## Detailed Conference Information

### 1) 3<sup>rd</sup> Training workshop for Women Chemists

**CHEMICAL SOCIETY OF NIGERIA**  
**WOMEN IN CHEMISTRY**  
*announces her*  
**3<sup>RD</sup> TRAINING WORKSHOP FOR WOMEN CHEMISTS**  
*Theme*  
**HARNESSING THE POTENTIALS OF WOMEN CHEMISTS IN THE CHEMICAL INDUSTRY**

**DATE: 1<sup>ST</sup> - 3<sup>RD</sup> JUNE, 2020**  
**VENUE: INSTITUTE OF PETROLEUM STUDIES AUDITORIUM, UNIVERSITY OF PORT HARCOURT, PORT HARCOURT.**

**PROF GLORIA U. OBUZOR**  
*A Key note address on "Strategic opportunities in the Chemical Industry for female Chemists".*

**PROF SARATU MAMMAN**  
*Progression from basic research to innovation.*

**DR INIOBONG OGBONNA**  
*The role of Chemical Sciences in finding alternatives to critical resources.*

**DR ADEBOYE O. OLUBUNMI**  
*Training on "Computational modeling in Chemistry".*

**The targets of the training workshop are as follows:**

- Enhancing the potentials of Women Chemists in the Chemical Industry
- Empowerment of Female Chemists for transition from basic research to innovation
- Fortifying Women Chemists with Technical Skills on Computational Chemistry
- Sensitization of the Girl Child on the Prospects of a Career in Chemistry

**Workshop registration fee is Fifteen thousand naira only**

**Bank details:**  
Account Name: Chemical Society of Nigeria  
Bank: United Bank for Africa (UBA) PLC  
Account No: 100 562 7962

*Please confirm your attendance on or before 1st May, 2020 by sending an email with your full name, name of organization, phone number and date of payment to [cynthia.ibeto@unn.edu.ng](mailto:cynthia.ibeto@unn.edu.ng) or [coord\\_women.chem@chemsociety.org.ng](mailto:coord_women.chem@chemsociety.org.ng)*

**CONTACTS**

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**FASC**

Federation of African  
Societies of Chemistry



**FASC**

Federation of African  
Societies of Chemistry



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Federation of African  
Societies of Chemistry



2) 10<sup>th</sup> International Conference of the Kenya Chemical Society



**KCS**  
KENYA CHEMICAL SOCIETY

**FIRST CALL FOR  
THE 10<sup>TH</sup> INTERNATIONAL  
CONFERENCE OF THE  
KENYA CHEMICAL  
SOCIETY**

**Date**  
4<sup>th</sup> - 7<sup>th</sup>  
**August**  
**2020**

**Theme: Sustainable Development through  
Green Chemistry Innovation, Chemical Safety and Security**

**Venue: Maseno University, Kisumu Hotel, Kisumu City-Kenya**

**Introduction**  
The 10<sup>th</sup> 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, Chemical Safety and Security**. The society associates with the Government Chemist, NEMA, OPCW, PACN, CSP, CDRF, AAS, KNAS, University of München, Germany, Bioenergy Consulting Services, Germany, Kwa-Zulu Natal University, South Africa, ICIPE, KAM among others.

**Vision: A world class professional chemical sciences society**

**Mission: To advance chemical sciences and disseminate its values for sustainable national development**

**Objectives**

1. To share research Ideas, methodologies and outcomes In Green Chemistry.
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 In Research and Development.
2. Innovative technologies and policies for Sustainable Development.
3. Sustainable resources exploitation and biodiversity conservation.
4. Chemical Safety Management and Security.
5. Sustainable Agriculture, Water, Food Safety and Security.
6. Climate Change, Environmental Pollution and Mitigation.

**Modes of presentation:**

1. Key Note speech
2. Plenary Lectures
3. Oral Presentations
4. Posters
5. Exhibition

**IMPORTANT DATES**  
Submission of abstract Early Bird: 30<sup>th</sup> March 2020  
Final: 15<sup>th</sup> April 2020 Notification of abstract acceptance  
22<sup>nd</sup> April 2020 Submission of full papers 30<sup>th</sup> April 2020  
Confirmation of attendance 30<sup>th</sup> June 2020  
Abstracts to be submitted to: [kcs\\_western@yahoo.com](mailto:kcs_western@yahoo.com)

**FIELD EXCURSION**  
An excursion at Ndere Island National Park, an Island of Serenity and Beauty at the Lakeside City in Western Kenya

**REGISTRATION FEES (USD)**

Category	Early Bird	Late Registration
KCS Members	30	35
Resident Non-Members	70	75
Resident Students	10	15
Non Residents	100	150
Exhibitors	300	350

**OTHER FEES**

Advertisement in book of abstracts  
quarter page USD 300  
half a page USD 350  
Full page USD 500  
Corporate Partners for inclusion of logos USD 1000

**PAYMENTS**  
Account Name: The Kenya Chemical Society  
Bank National Bank of Kenya  
Branch Kenyatta University  
Account Number 01242059302300  
Swift Code NBKEKENXXXX  
M-PESA Pay Bill  
Business number 625625  
Account number 01242059302300.

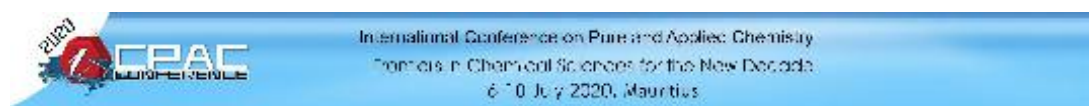
**LOCAL ORGANIZING COMMITTEE**

Dr. Loenard Citu	Chairman, KCS
Ms. Dorice Situma	Vice Chairman
Dr. Austin O. Aluoch	Secretary, KCS
Dr. Charles Ochieng	Ass. Secretary
Dr. Geoffrey Otieno	Treasurer, KCS
Dr. Patrick S. Musyoid	Editor In Chief
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Dr. Solomon Omwoma	Secretary, KCS Western Chapter
Dr. Regina Bwire	Treasurer, KCS Western Chapter
Dr. Francis Orata	COD Chemistry, MMUST
Prof. Chrispin Kowenje	COD, Chemistry, Maseno Univ




**SECRETARIAT** Contact: Dr. Kengara Fredrick of Maseno University [kcs\\_western@yahoo.com](mailto:kcs_western@yahoo.com);  
Cell: +254 705 681 121 Cc. Dr. Solomon Omwoma Department of Chemistry Jaramogi Oginga Odinga University of  
Science and Technology (JOOUST) [solomwoma@yahoo.com](mailto:solomwoma@yahoo.com) Cell: +254-705681121 and Paul Gathara:  
[secretariat@kenyachemicalsociety.org](mailto:secretariat@kenyachemicalsociety.org)

### 3) International Conference on Pure and Applied Chemistry (ICPAC-2020)



#### **BACKGROUND**

The International Conference on Pure and Applied Chemistry (ICPAC) is a biennial conference which started in 2010. The 6<sup>th</sup> ICPAC conference (ICPAC-2020) will be held on 6-10 July 2020 in Mauritius. The Organising Committee has adopted the theme "*Frontiers in Chemical Sciences for the New Decade*" for this event.

In 2020, we will also mark the International Year of Plant Health.

#### **VENUE**

The Conference will be held at Hotel Sofitel Mauritius Impérial Resort & Spa, Flic-en-Flac, Mauritius.

#### **DEADLINES**

Workshop/Symposium Proposal	30 <sup>th</sup>	Nov 2019
Abstract Submission (Oral or Poster)	1 <sup>st</sup>	Feb 2020
Booking for Accommodation	15 <sup>th</sup>	Mar 2020
Early Registration	15 <sup>th</sup>	Mar 2020
Full Paper (Optional)	1 <sup>st</sup>	Oct 2020

#### **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  
Green Chemistry  
Forensic Science  
Industrial Chemistry  
Inorganic Chemistry  
Material Science & Nanotechnology  
Medicinal Chemistry  
Organic Chemistry  
Petroleum Chemistry  
Pharmaceutical Chemistry  
Physical Chemistry  
Polymer Chemistry  
Interdisciplinary Chemistry Fields

We look forward to welcoming you, academicians and researchers, to participate in this international gathering.

For more information about the conference, registration, and submission of abstract, please visit:

<http://sites.uom.ac.mu/icpac2020/>



The Secretariat, Department of Chemistry, Faculty of Science, University of Mauritius, Réduit 80837, Mauritius



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icpacmru@uom.ac.mu



#### 4) 4<sup>th</sup> International Symposium on Halogen Bonding

## ISXB4 4<sup>TH</sup> INTERNATIONAL SYMPOSIUM ON HALOGEN BONDING



We are pleased to invite you to attend the 4<sup>th</sup> International Symposium on Halogen Bonding (ISXB-4) to be held in Stellenbosch, South Africa, 23-27 March 2020.

The symposium will cover both experimental and theoretical aspects of a broad range of fields such as medicinal chemistry, chemical biology, materials science and industrial applications through plenary addresses, contributed presentations and posters.

We look forward to welcoming you to Stellenbosch in 2020!

#### Important dates:

Bursary application deadline	15 November 2019
Oral abstract submission	30 November 2019
Early bird registration	15 December 2019
Poster abstract submission	1 February 2019



23-27 March 2020  
Stellenbosch, South Africa



<https://isxb42020.net/>



#### 5) Fourth symposium on analytical chemistry for sustainable development (ACSD 2020)



**ACSD 2020**  
The 4<sup>th</sup> International Symposium on  
"Analytical Chemistry for a Sustainable Development"  
March 25-27, 2020  
Marrakech-Morocco

The Fourth symposium on analytical chemistry for sustainable development (ACSD 2020) will be held in Marrakech, Morocco - Adam Park Hotel, March 25-27, 2020.







**ACSD2020**  
**Marrakech**  
**25-27 March 2020**

**MOROCCO**

**The Fourth International Symposium on**  
**“Analytical Chemistry for a Sustainable Development”**  
**ACSD 2020 – Marrakech**

**Call For Abstracts - [www.amcadd.org.ma](http://www.amcadd.org.ma)**  
**Deadline 10 January 2020**

**TOPICS:**

1. Emerging techniques in analytical science and Materials analysis.
2. Electroanalysis
3. New Materials and Nanomaterials application: Water treatment, Fuel cell...
4. Bioanalysis, Pharmaceutical, and Bioanalytical techniques
5. Food and Environmental analysis

**SPEAKERS:**

 Abdelhamid Brachid France	 Christine Kraut Germany	 Boris Mankoff Germany	 M. de la Guardia Spain	 Victor Mougel Switzerland
 A.T.A. Youssef Egypt	 Carlos Di Garcia United States	 Mohamed K. Aroua Malaysia	 Mohammed Z Zarlouh Spain	 Mohamed Eddouadi KSA

**SPONSORS:**








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**Alami Younsi Seed ([alamiyounssi@ yahoo.fr](mailto:alamiyounssi@ yahoo.fr)) [amcaddassociation@gmail.com](mailto:amcaddassociation@gmail.com)**

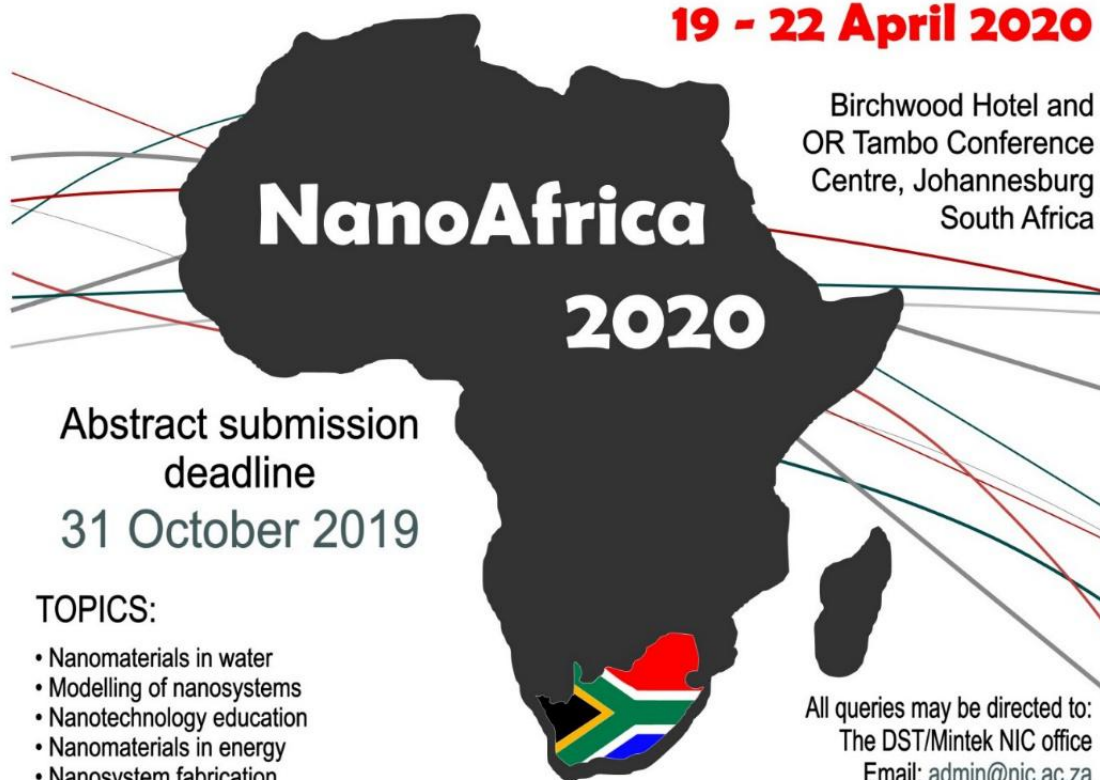
6) **8<sup>th</sup> International Conference on Nanoscience and Nanotechnology in Africa (NanoAfrica 2020)**

# SAVE THE DATE!

## 8<sup>th</sup> International Conference on Nanoscience and Nanotechnology in Africa

*Enabling the Commercialisation of Nanotechnological Innovation*

**19 - 22 April 2020**



Abstract submission  
deadline  
31 October 2019

### TOPICS:

- Nanomaterials in water
- Modelling of nanosystems
- Nanotechnology education
- Nanomaterials in energy
- Nanosystem fabrication
- Nanobiotechnology and biomedicine
- Nanomaterial synthesis and characterisation
- Nanotechnology and the 4th Industrial Revolution
- Commercialisation and industrialisation of nanotechnology
- Toxicity, Risk assessment and Regulations of nanomaterials

All queries may be directed to:  
The DST/Mintek NIC office  
Email: [admin@nic.ac.za](mailto:admin@nic.ac.za)

Conference chair:  
Dr Keneiloe Sikhwiwihlu  
Tel: +27 (0)11 709 4347  
Email: [keneiloes@mintek.co.za](mailto:keneiloes@mintek.co.za)

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INNOVATION CENTRE

[www.nic.ac.za](http://www.nic.ac.za)



7) 26<sup>th</sup> IUPAC International Conference on Chemistry Education (ICCE 2020)26<sup>th</sup> IUPAC International Conference on Chemistry Education1<sup>st</sup> Announcement

"Education is the most powerful weapon which you can use to change the world."  
Nelson Mandela

## PLENARY SPEAKERS

- **Judith Bennett:** *Salters' Professor of Science Education and leader of the University of York Science Education Group, UYSEG, UK*
- **Ruby Hanson:** *Dean of the Faculty of Science Education and an Associate Professor of Chemistry Education, University of Education, Winneba, Ghana*
- **Thomas Holme:** *Morrill Professor, Chemistry Department, Iowa State University, USA*
- **Elizabeth Mavhunga:** *Associate Professor of Chemical Education and Deputy Head of School (Research), University of the Witwatersrand School of Education (WSoE), South Africa*
- **Hannah Sevian:** *Professor of Chemistry, College of Science and Mathematics, University of Massachusetts, Boston, USA*

## INVITED SPEAKERS

Assistant Professor Gautam Bhattacharya, Missouri State University  
 • Professor Ron Blonder, Weizmann Institute • Professor Saouma Boujaoude, American University of Beirut • Dr Temechehn Engida, African Journal of Chemical Education (AJCE)  
 • Dr Ozcan Gulacar, University of California, Davis • Sir John Holman, University of York  
 • Professor Vanessa Kind, Durham University • Associate Professor Gwen Lawrie, University of Queensland • Dr Kgadi Mathabathe, University of Pretoria  
 • Associate Professor Mauro Morcerino, Curtin University • Associate Professor Frackson Mumba, University of Virginia • Dr Lynne Pilcher, University of Pretoria • Professor Marissa Rollnick, University of Pretoria and University of the Witwatersrand • Dr Joyce Sewry, Rhodes University • Assistant Professor Ginger Shultz, University of Michigan • Associate Professor Daniel Southam, Curtin University



REGISTRATION  
AND ABSTRACT  
/ WORKSHOP  
SUBMISSIONS ARE  
OPEN! APPLY ONLINE

## IMPORTANT DATES:

Abstract notification: **31 March 2020**

Early bird closing: **15 April 2020**



## CONTACT US

## ICCE 2020 REGISTRATION ENQUIRIES

Tel: +27 (0) 21 910 1913

Fax: +27 (0) 21 910 0471

Email: [icce@allevents.co.za](mailto:icce@allevents.co.za)

## ICCE 2020 CONFERENCE ORGANISER

Event Management Solutions (Pty) Ltd

Tel: +27 (0) 21 712 0571

Email: [icce@eventmanagementsolutions.co.za](mailto:icce@eventmanagementsolutions.co.za)