



FASC

**Federation of African
Societies of Chemistry**

FASC Newsletter 1, 2020

As some of you will know, we have a sister organisation in Asia called FACS; note we are called FASC.

A recent guest editorial article appeared in C and E News written by former FACS personnel

It is an interesting article as it shows the growth of FACS from small beginnings (11 countries) in 1979 to the FACS of 2020 (32 countries). Over the 40 years since its beginnings it has grown to be an organisation that attracted over 2500 chemists to their FACS meeting in Taipei, Taiwan, in December 2019. FASC, by contrast, has now been going for about 14 years and indeed, we are still struggling along as we proceed to get more member countries joining and determine strategies to obtain financial security. But, if we compare ourselves to FACS, we have another 26 years to achieve what FACS has done!

It is also interesting to see how FACS sees their future. I quote from their article "However, chemical capability is still underdeveloped in many of our member countries. The FACS has a great opportunity to use the research and education strength of many of its members to help improve the capability and performance in those member countries still developing. We note that achieving at least 8 of the 17 sustainable development goals set by the United Nations General Assembly in 2015 will require chemical capability. Achieving these goals is important for all countries but particularly important for the FACS's less-developed member countries The FACS now has two important tasks. The first is to further enhance science and technology for high-performing chemists in the region. The second task for the FACS is to foster and support the development of chemistry in those countries still developing and, as necessary, those that are not yet members of the federation."

The above tells us that we must continue with our direction of integrating and stimulating chemistry in all its forms on the African continent. It will be a long and possibly slow process, but a not impossible one

Neil Coville

Content

- Information for the newsletter
- Advertising in the FASC newsletter
- FASC member countries
- ABC Chem 2021
- FACS news
- Chemical Societies News
- i) Kenya
 - Young Chemists News
- i) Green Chemistry Postgraduate Summer School
- ii) Benzocaine Innovation Power" Challenge
- iii) Marie Skłodowska Curie Innovative Training Network
- iv) Chemistry Conference for Young Chemists
 - African Journal of Chemical Education (AJCE)
 - African Journals of Chemistry
 - African Academy of Sciences (AAS)
- i) Researcher mobility funds to promote collaboration among African and Indian scientists
 - RSC-PACN news
- i) Access to all Royal Society of Chemistry journals
- ii) Upcoming Events and Conferences Supported by the Pan Africa Chemistry Network
- iii) Funding from the Royal Society of Chemistry
- i) Royal Society of Chemistry Events Website
 - Commonwealth Chemistry
- i) Commonwealth Chemistry Congress
- ii) President of Commonwealth Chemistry : Dr Vicki Gardner
- iii) Conferences
 - i) International Conference on Pure and Applied Chemistry (ICPAC-2020), Mauritius
 - ii) First Commonwealth Chemistry Congress, Trinidad and Tobago
 - iii) ACS Research Conference: Chemistry and Chemical Engineering in MENA _Qatar
 - iv) 4th International Symposium on Halogen Bonding
 - v) Chem CYS meeting, Belgium.
 - vi) Fourth symposium on Analytical Chemistry for Sustainable Development (ACSD 2020), Morocco.
 - vii) NanoAfrica 2020 Johannesburg, South Africa.
 - viii) 6th IUPAC International Conference on Chemistry Education, Cape Town, SA.

Information for the newsletter

Please send all information to either Beth (admin@faschem.org), Emmanuel Ohaekenyem (ec.ohaekenyem@unizik.edu.ng) or to me (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 ; yonasdb1@yahoo.com).

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

1

Second Atlantic Basin Conference on Chemistry

Marrakech





Federation of Asian Chemical Societies (FACS) news

Note the actual article described in the Editorial was printed in Chemical & Engineering News (Copyright © 2020 American Chemical Society). **Big initiatives are ahead for the Federation of Asian Chemical Societies** by Tom Spurling, John Webb and David Winkler; JANUARY 26 (2020) 98(4)

Chemical Society news

1) Kenya



KCS
KENYA CHEMICAL SOCIETY

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

Date
4th - 7th
August
2020

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

Venue: Maseno University, Kisumu Hotel, 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, 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: 30th March 2020
Final: 15th April 2020 Notification of abstract acceptance
22nd April 2020 Submission of full papers 30th April 2020
Confirmation of attendance 30th June 2020
Abstracts to be submitted to: 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

ACCOMODATION
There is vast accommodation in Kisumu City at additional Costs.

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. Leonard Gitu	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. Musyoki	Editor in Chief
Dr. Mildred Nwiri	Org. Secretary
Dr. Fredrick Kengara	Chairman, KCS Western Chapter
Dr. Solomon Omwoma	Secretary, KCS Western Chapter
Dr. Regina Bwile	Treasurer, KCS Western Chapter
Dr. Francis Orata	COD Chemistry, MMUST
Prof. Chiripin Kowenje	COD, Chemistry, Maseno Univ




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

Young Chemists News

News of upcoming events

1. Green Chemistry Postgraduate Summer School

The School will be held in Venice from 4th to 10h July 2020 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

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

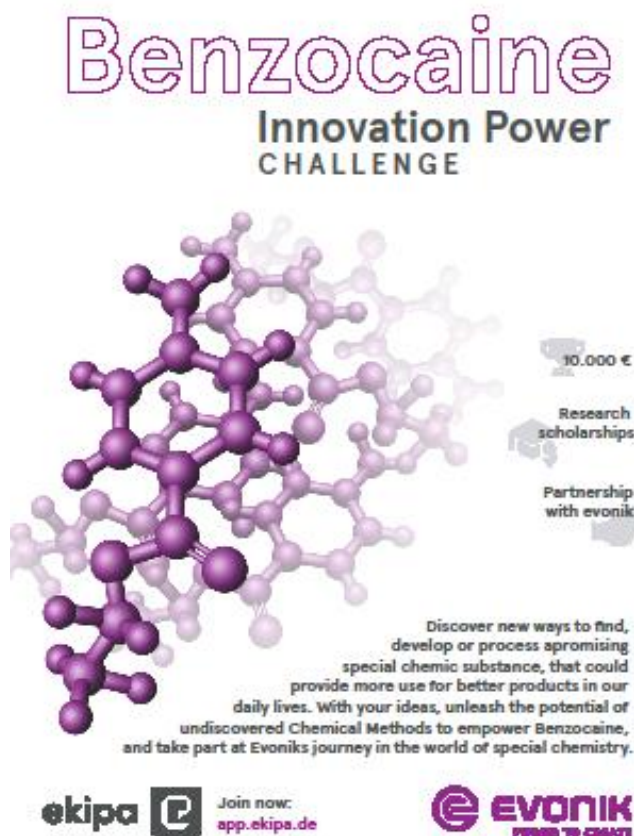
2. **"Benzocaine Innovation Power" Challenge**

Organized by Ekipa with Evonik. (see enclosed flyer)

A competition to source for new ideas around the substance Benzocaine, to empower its potential for our daily lives. In addition to the immediate practical experience, the participants will receive prize money and the opportunity for a research cooperation or exciting job opportunities in our challenge partner Evonik's Research Department

More on <http://app.ekipa.de/challenges/Evonik>


Contact: yannis@ekipa.de




Benzocaine
Innovation Power
CHALLENGE

10.000 €
Research
scholarships
Partnership
with evonik

Discover new ways to find, develop or process a promising special chemical substance, that could provide more use for better products in our daily lives. With your ideas, unleash the potential of undiscovered Chemical Methods to empower Benzocaine, and take part at Evonik's journey in the world of special chemistry.

ekipa  Join now:
app.ekipa.de

 **EVONIK**
FROM THE CHEMISTS

3. **Marie Skłodowska Curie Innovative Training Network**

This is a multidisciplinary PhD program including international experience in several EU countries and a great deal of soft-skills preparation. They are looking for 15 PhD students from different backgrounds - physics, chemistry, material science, engineering. Stipends are normally 2-3 times higher than a classic graduate program thanks to EU funding. More info here: <https://t.co/fvJvpnh33l?amp=1>

Fun Man Fung, Elected Secretary, on behalf of the IYCN Board

Website: [IYCN](#); Twitter: [@IntlYoungerChem](#); Facebook: [@IYCN.global](#); LinkedIn: [intlyoungerchemistsnetwork](#)

From Dr Sadhna Mathura, University of the Witwatersrand

4. **A Chemistry Conference for Young Chemists (CYC)** will be held in Belgium (19-21 Feb. 2020), Please see the advert and spread the word

African Journal of Chemical Education (AJCE)

A PDF version of the first issue of volume 9(3) AJCE 2019 is available. The online version is available at the FASC website: www.faschem.org, under Journal) and the AJOL website (www.ajol.info).

The table of contents is listed below:

Dr. Temechegn Engida e-mail: temechegne@faschem.org, t.engida@unesco.org ;

African Journals of Chemistry

- **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**

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 (www.faschem.org) and in the AJOL website (www.ajol.info).

- **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; helpdesk: helpdesk@academicjournals.org; URL: www.academicjournals.org/journal/AJPAC

- **Scientific African**

Published by the [Next Einstein Forum](http://www.next-einstein-forum.org) 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/

Commonwealth Chemistry (CC)



18-21 May 2020
St. Augustine
Trinidad and Tobago



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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) 6-10th 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, 17th 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), 25th-27th 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.

1) Commonwealth Chemistry Congress

Partnership for the Goals

First Commonwealth
Chemistry Congress



18 – 21 May 2020 | University of West Indies, St Augustine, Trinidad and Tobago

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 18-21st 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>

2) President of Commonwealth Chemistry : Dr Vicki Gardner

Recently “ Dr Vicki Gardiner was duly elected President Elect (of the CCC) . Vicki has accepted the position and will become President for a two-year term at the General Assembly meeting in Trinidad and Tobago in May 2020. She is currently President of the Royal Australian Chemical Institute <https://www.raci.org.au/theraci/board-profiles/president>.

One of the first tasks for the President Elect, jointly with the CCTG, is to finalise the Commonwealth Chemistry Constitution and the setting up of the Executive Board for the federation, keeping in mind that diversity is a very important criterion, specifically with regard to: gender, geographical distribution and complementary skills and knowledge. This process will commence in early February.

In addition, the President Elect and the CCTG will continue to oversee the organisation of the Commonwealth Chemistry Congress 2020 that will take place on May 18-21 <https://www.rsc.org/events/detail/40292/first-commonwealth-chemistry-congress>.

Dr Alejandra Palermo, Senior Manager, External Relations, Royal Society of Chemistry

Conferences

- 1) **International Conference on Pure and Applied Chemistry (ICPAC-2020)**, 6-10 July 2020, Mauritius, <http://sites.uom.ac.mu/icpac2020>
- 2) **First Commonwealth Chemistry Congress**, 18-21 May 2020, The University of the West Indies, Trinidad and Tobago
- 3) **ACS Research Conference: Chemistry and Chemical Engineering in MENA** _March 10-12 2020, Doha, Qatar
- 4) **4th International Symposium on Halogen Bonding**, 23-27 March 2020, Stellenbosch, SA
- 5) **Chem CYS meeting**, 19-21 February, Belgium, www.chemcys.be
- 6) **Fourth symposium on analytical chemistry for sustainable development (ACSD 2020)**. March 25-27, 2020, Morocco, www.amcadd.org.ma
- 7) **Nanoafrica 2020** 19-22 April 2020, Johannesburg SA admin@nic.ac.za
- 8) **The Second International Days of Chemistry (JIC-2019)**, 14 to 16 November 2019, Nouakchott Mauritania. <http://www.scm Mauritania.org>; contact@scmauritania.org

- 9) **26th IUPAC International Conference on Chemistry Education** Cape Town 13-17 July 2020;
<https://www.icce2020.org.za/>

Detailed Conference Information

1) 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 6th 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 th Nov 2019
Abstract Submission (Oral or Poster)	1 st Feb 2020
Booking for Accommodation	15 th Mar 2020
Early Registration	15 th Mar 2020
Full Paper (Optional)	1 st 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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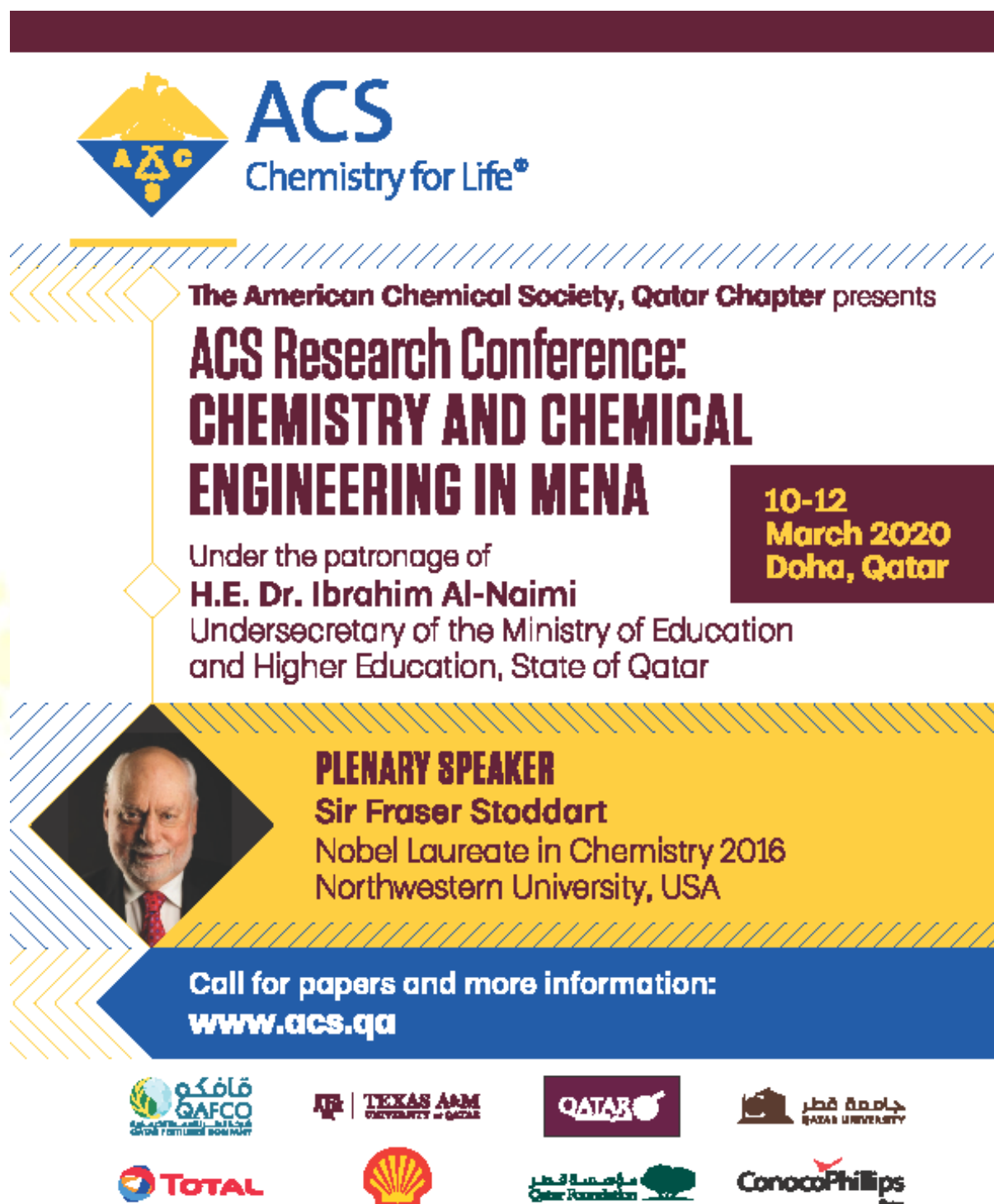


+230 5257 0315



icpacmru@uom.ac.mu

- 2) **ACS Research Conference: Chemistry and Chemical Engineering in MENA** _March 10-12 2020, Doha, Qatar



The American Chemical Society, Qatar Chapter presents





ACS Research Conference: CHEMISTRY AND CHEMICAL ENGINEERING IN MENA

**10-12
March 2020
Doha, Qatar**

Under the patronage of
H.E. Dr. Ibrahim Al-Naimi
Undersecretary of the Ministry of Education
and Higher Education, State of Qatar

PLENARY SPEAKER
Sir Fraser Stoddart
Nobel Laureate in Chemistry 2016
Northwestern University, USA

Call for papers and more information:
www.acs.qa










Fig 2: ACS Research Conference 2020 flyer

3) 4th International Symposium on Halogen Bonding

ISXB4 4TH INTERNATIONAL SYMPOSIUM ON HALOGEN BONDING



We are pleased to invite you to attend the 4th 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/>



Fig 4: 4th International Symposium on Halogen Bonding 2020 flyer

4) ChemCYS 2020 Chemistry Conference for Younger Scientists.

ChemCYS' 15th edition will take place from 19 to 21 February 2020 in Blankenberge (Belgium). This conference promises to give young attendees the opportunity to present early results of their research. Topics are focussed on the typical research domains in chemistry. The best oral and poster presentation of each session will be awarded.

We accept presentations and posters in the following subjects:

- Analytical Chemistry
- Biochemistry and Biotechnology
- Computational Chemistry
- Environmental Chemistry
- Food Chemistry
- Green and Sustainable Chemistry
- Inorganic Chemistry
- Macromolecular Chemistry
- Materials Chemistry
- Medicinal Chemistry
- Nuclear and Radiochemistry
- Organic Chemistry
- Organometallic Chemistry
- Physical Chemistry
- Solid State Chemistry

Since 2010, this conference has received an increasing international interest and a growing number of participants. Due to this international appreciation, ChemCYS is since 2014 officially endorsed by the International Union of Pure and Applied Chemistry (IUPAC) and the European Chemical Society (EuChemS).

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



**The 4th 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.

The deadline for submission of abstract has been extended to 20 December 2019.

Contributions for oral and poster sessions are now invited.

We kindly invite you in the spring of 2020 to attend this international symposium in Marrakech, Morocco.

Symposium topics include:

- 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**

Full papers selected by the scientific committee will be reviewed and published in the ACSD Proceeding

Registration and submission of abstract are now available on our website:
www.amcadd.org.ma

Conference Chairs: M. El Rhazi / S. Alami Younssi
On behalf of the organizing committee (ACSD 2020)

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

SAVE THE DATE!

8th International Conference on Nanoscience and Nanotechnology in Africa

Enabling the Commercialisation of Nanotechnological Innovation

19 - 22 April 2020

Birchwood Hotel and
OR Tambo Conference
Centre, Johannesburg
South Africa



**NanoAfrica
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

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

SANI South African
Nanotechnology
Initiative
www.sani.org.za

MINTEK
A global leader in mineral and
metallurgical innovation
www.mintek.co.za

NIC
DST/
MINTEK NANOTECHNOLOGY
INNOVATION CENTRE
www.nic.ac.za

Fig 5: NanoAfrica 2020 conference flyer

7) 26th IUPAC International Conference on Chemistry Education (ICCE 2020)26th IUPAC International Conference on Chemistry Education1st Announcement

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

PLENARY SPEAKERS

- **Judith Bennett:** *Saïers' 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 Sevan:** *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
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