



FASC Newsletter 5, June 2023

A major event that took place this past month was the Commonwealth Chemistry event that took place in Port of Spain, Trinidad and Tobago. Many African Chemical society Presidents attended as well many Emerging chemists from these countries. FASC executive committee were also present. A report on the event can be found in the newsletter. Also to note– 4 Emerging chemists will be supported at the next IUPAC 2023 General Assembly and Congress in 2023 by the RSC (see below).

Neil Coville.

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CONFERENCES/WORKSHOPS (Africa)• **West Africa****Nigeria**

46th International Conference, Nigerian Chemical Society

8th Annual Symposium of the Nigerian International Chapter of the American Chemical Society

• **North Africa****Tunisia**

OCC and SEPM conference, Tunisian Chemical Society

Algeria

1st International conference on Environment Technologies and Sustainable Energy (ICETSE2023)

Mauritania

Fourth International Chemistry Day

• **Southern Africa****Mauritius.**

Virtual Conference on Chemistry and its Applications (VCCA-2023)

South Africa

CATSA 2023; Catalysis Society of South Africa

16th Frank Warren conference (organic chemistry)

African Inclusive Microscopy (AFINMIC) (ZOOM)

CONFERENCES/WORKSHOPS (International)

i) 7th African School on Electronic Structure Methods and Applications - ASESMA 2023|(smr 3847)

ii) Biophysics in Africa conference,

iii) 4th Commonwealth Chemistry Posters Event

DETAILED CONFERENCE INFORMATION

See FASC website for data on conferences <https://www.faschem.org/>

ABOUT FASC**FASC website**

The FASC website is now up and functioning. Information on the FASC history, the updated FASC constitution, old copies of the newsletter, copies of the African Journal of Chemistry etc., has been loaded onto the site. <https://www.faschem.org/>

FASC membership and invoices**Payment of fees**

Online payment is now available to all Members and Societies

Please email faschem@wits.ac.za and request an online payment link – Note it will be in ZAR. The Equivalent daily rate will be used when the payment link is created. You can enter card details via a safe site.

Mrs Laila Smith

Membership Fees

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

Information for the newsletter

Please send all information to Laila Smith (fasc.chem@wits.ac.za), Emmanuel C. Ohaekenyem (ec.ohaekenyem@unizik.edu.ng) or to me (neil.coville@wits.ac.za)

Laila has placed all earlier newsletters on the FASC website (<http://www.faschem.org/>).

Advertising in the FASC newsletter

The newsletter will provide a means of getting messages to our member countries. This newsletter thus provides a means of advertising employment opportunities, conferences and workshops, and even for companies/Universities to promote themselves. We encourage member countries to use the Newsletter for advertising purposes. All conferences and events will be advertised for free; if not a FASC country, there could be a small charge. For advertising costs, contact the FASC office in South Africa: laila.smith@wits.ac.za

CHEMISTRY NEWS

FASC news




i) Commonwealth Chemistry Conference Report



The 2nd Commonwealth Chemistry Conference was held in Port of Spain, Trinidad from the 23rd - 25th May 2023. The event focussed on SDG goals. Over 200 delegates attended, with almost 100 delegates being emerging chemists from 33 different Commonwealth countries. Many of these were from African countries. Approximately three chemical scientists attended from each country. Other attendees included the Presidents, Chairs of the Chemical Societies in the different

countries, as well as numerous speakers and discussion leaders. The format consisted of individual talks, discussions on aspects of the UNESCO SDGs, flash presentations and a poster session. A copy of the programme is given below

2nd Commonwealth Chemistry Congress Partnerships for the Goals  St. Augustine, Trinidad and Tobago 23 - 25 May 2023				
	22nd May	23rd May	24th May	25th May
08:00		Registration (TLC Foyer)		
08:30				
09:00		Opening ceremony, Lecture Theatre E 60 min		
09:10				
09:20				Zero Hunger (SDG 2), Good Health and Well-being (SDG 3) Plenary 2, Lecture Theatre E
09:30				Affordable and Clean Energy (SDG 7), Responsible Consumption and Production (SDG 12) Plenary 2, Lecture Theatre E
09:40				Clean Water and Sanitation (SDG 6), Climate Action (SDG 13) Plenary 2, Lecture Theatre E
09:50				
10:00		Chemistry, The Commonwealth, and the SDGs Lecture Theatre E 60 min	Quality and Effective Education (SDG 4) Lecture Theatre E 90 min	
10:10				
10:20				
10:30				
10:40				
10:50				
11:00		Tee and coffee break 30 min	Tee and coffee break 30 min	Tee and coffee break 30 min
11:10				
11:20		Zero Hunger (SDG 2), Good Health and Well-being (SDG 3) Plenary 1, Lecture Theatre E	Keynote 20 min (LTA1)	
11:30			Keynote 20 min (LTA2)	
11:40			Keynote 20 min (LTA3)	
11:50		Affordable and Clean Energy (SDG 7), Responsible Consumption and Production (SDG 12) Plenary 1, Lecture Theatre E	EOC flash talks 50 min (LTA1)	
12:00			EOC flash talks 50 min (LTA2)	
12:10			EOC flash talks 50 min (LTA3)	
12:20		Clean Water and Sanitation (SDG 6), Climate Action (SDG 13) Plenary 1, Lecture Theatre E	Keynote 20 min (LTA1)	
12:30			Keynote 20 min (LTA2)	
12:40			Keynote 20 min (LTA3)	
12:50				
13:00		Lunch 50 min (TLC PG Lounge and SCR)	Lunch 50 min (Collected from TLC Foyer)	Lunch 50 min (TLC PG Lounge and SCR)
13:10				
13:20				
13:30				
13:40				
13:50			Move to JFK 10 min	
14:00		Gender Equality (SDG 5) and Reduced Inequalities (SDG 10) Lecture Theatre E 60 min		
14:10				
14:20				
14:30				
14:40			Poster session, JFK Auditorium 90 min	
14:50		Tee and coffee break 30 min		
15:00				
15:10				
15:20		Keynote 20 min (LTA1)		
15:30		Keynote 20 min (LTA2)		
15:40		Keynote 20 min (LTA3)		
15:50				
16:00		EOC flash talks 50 min (LTA1)		
16:10		EOC flash talks 50 min (LTA2)		
16:20		EOC flash talks 50 min (LTA3)		
16:30		Keynote 20 min (LTA1)		
16:40		Keynote 20 min (LTA2)		
16:50		Keynote 20 min (LTA3)		
17:00		Move to JFK 10 minutes		
17:10			Return to Hotel then Move to Queen's Park Savannah	
17:20				
17:30				
17:40				
17:50				
18:00	Congress Registration, Hilton Trinidad	Poster session, JFK Auditorium 120 min		
18:10				
18:20				
18:30				
18:40				
18:50				
19:00				
19:10				
19:20				
19:30				
19:40				
19:50				
20:00	Welcome Dinner, Hilton Trinidad 180 min	Cocktail and networking reception, JFK Quadrangle 180 min	Gala Dinner and Cultural Show National Academy for the Performing Arts 210 min	
21:00				
22:00				

The organisers, led by Dr Michael Forde, of the University of the West Indies, put together an excellent event in which delegates experienced an evening of Trinidad and Tobago (T and T) culture at the Port of Spain National Theatre, as well many events involving T and T cuisine. Members of the FASC Executive were also present (Prof Gloria Obuzor/Prof Vincent Nyamori/Dr Clarence Mgina /Dr Lydia Rhyman)



L to R: Prof Neil Coville, Prof Vincent Nyamori, Prof Gloria Obuzor, Dr Clarence Mgina, Dr Lydia Rhyman)

Attendee countries from Africa: Botswana, Mauritius, Malawi, Mozambique, eSwatini, Lesotho, South Africa, The Gambia, , Nigeria, Ghana, Cameroon, Rwanda, Kenya, Uganda, Tanzania

Below is given a report by one of the delegates: Dr Nandini Savoo-Calotte, (Computational Chemistry Group, Department of Chemistry, Faculty of Science, University of Mauritius, Réduit, Mauritius) She was a Flash presenter

"The Commonwealth Chemistry Congress was an enriching experience which allowed me to get in touch and build connections with peers from Commonwealth countries from around the world.

It was interesting to discover how every chemist from the Commonwealth countries is helping to achieve the SDGs. Personally, this encourages me to further my research endeavours towards SDGs.

The Commonwealth Chemistry Congress also served as a platform to present my research and obtain invaluable feedback from my peers from around the world. I am grateful to Commonwealth Chemistry, to the Royal Society of Chemistry and to the Computational Chemistry Group of the University of Mauritius for the opportunity to participate".

More information will follow in the next newsletter

Neil Coville

ii) FASC co-opted member: Dr Amine Ezzahi

Dr. Amine EZZAHI is a renowned university professor in the field of solid-state chemistry. Born in 1982, he received his Ph.D. in Materials Science and Engineering from the Faculty of science and technology in 2010, at Hassan 1st university of Settat Morocco. Dr. EZZAHI joined the faculty of science and technology at Hassan 2nd University of Casablanca in 2013, where he is currently a Professor of Chemistry and Materials Science. His research focuses on the synthesis, characterization, and manipulation of materials at the nanoscale, with a particular emphasis on solid-state chemistry and membrane elaboration. Dr. EZZAHI's work has been published in numerous prestigious scientific journals. he has been the head of the department of chemistry between 2019 and 2020. In addition to his research, Dr. EZZAHI is a dedicated educator and mentor. he teaches undergraduate and graduate courses in materials chemistry and has advised numerous students on research projects in his lab. he is known for his enthusiasm and ability to inspire his students to pursue careers in science and engineering.

Outside of her work, Dr. EZZAHI enjoys hiking in the nearby mountains with his wife and two children. He is also member of many NGO's like the Moroccan Analytical chemistry association and has been elected Co-opted member at FASChem in 2020.

African Chemical Societies and Other News**i) Mauritania**

The Mauritanian Chemical Society, are organising their fourth International Chemistry Days (JIC 2023), 09 to 11 December 2023 at the Nouakchott Hotel; Nouakchot; Mauritania.

<https://www.scm Mauritania.org/jic2023/>

Contact M A Sanhoury (JIC 2023 Committee) for information; also the advert at the end of the newsletter

African Academy of Sciences – new Fellows and Affiliates in the Chemical Sciences**i) Dr. Gomaa A. M. Ali (Egypt) AAS Affiliate (2022-2026)**



Dr. Gomaa A. M. Ali is an Associate Professor at the Chemistry Department, Faculty of Science, Al-Azhar University, Egypt. He has 15 years of experience working in the research areas of materials science, humidity sensing, graphene, supercapacitors, water treatment, and drug delivery. He was awarded his Ph.D. in Advanced Nanomaterials for Energy Storage from UMP, Malaysia. He is the recipient of some national and international prizes and awards such as TWAS-AREP (2018), Obada International Prize (2021), Arab Water Council Award 2022, Gold Medal (Archimedes, Russia, 2014), Green Technology Award (CITREX, Malaysia, 2015), Gold Medal (British Invention Show, UK, 2015). Dr Gomaa has been included in Stanford University's List of World's Top 2% of Scientists, Egypt. Dr. Gomaa has published over 135 journal articles and 22 book chapters on a broad range of cross-disciplinary research fields, including multifunctional materials, nanotechnology, supercapacitor, water treatment, humidity sensing, biosensing, corrosion, and drug delivery. So far, he has more than 4211 citations and an h-index of 39. Dr. Gomaa is an Editor of many international journals and a reviewer for more than 80 WoS journals. Dr. Gomaa is a member of national and international scientific societies, such as TWAS Young Affiliates, the American Chemical Society, the Royal Society of Chemistry, the National Committee of Pure and Applied Chemistry, and the Egyptian Young Academy of Sciences, ASRT. He is an Editor of many handbooks such as "Waste recycling technologies for nanomaterials manufacturing" Springer, 2021, and "Handbook of Biodegradable Materials" Springer, 2022.

(taken from AAS website).

Emerging Chemists' News

ii) Alfred R Bader award 2023



Building on the legacy of the Aldrich Chemical Company co-founder Alfred R. Bader, this award has recognized young chemists with a passion for innovation since 2005. Dr Bader is one of the many scientists who helped us grow into the vibrant global science and technology company we represent today. Through a series of mergers, Aldrich Chemical Company became Sigma-Aldrich, which is now part of Merck.

This award celebrates the next generation of leaders in the field of chemistry by showcasing their cutting-edge research. By bringing together the brightest minds in chemistry, we hope to spark new ideas and inspire visionaries to continue pushing the boundaries of what's possible in science.

Application deadline: June 30, 2023.

Prize

Two winners will be awarded **\$2,000**.

Winners will be announced **July 2023**.

Chemistry Innovation Symposium

Winners will have the honour to present their research at the Chemistry Innovation Symposium sponsored by Merck KGaA, Darmstadt, Germany on September 6, 2023. This symposium will also feature the winners of the 4th Compound Challenge, a worldwide retrosynthesis competition for designing the best synthetic route.

Eligibility

- Applicants must be at least 3rd year graduate students (have completed 2 years of a doctorate degree or master's degree program)
- Winners must be able to present their research at the Chemistry Innovation Symposium sponsored by Merck KGaA, Darmstadt, Germany (virtual event)
- Please refer to the Terms & Conditions available on the [Webpage](#)

Sunny Sunassee, PhD, Chemistry Applications Specialist – Africa, Middle East & Pakistan Life Science / Science & Lab Solutions EMEA

iii) Applications for African students to study in South Africa

The Mandela Institute for Development Studies (MINDS) has partnered with the National Research Foundation (NRF) to support doctoral applicants from African countries other than South Africa that are intending to study full-time at a South African public university in the 2024 academic year.

The eligibility criteria for the NRF-MINDS Doctoral Scholarship:

- Be a citizen of an African country other than SA, residing in any African country;
- Be thirty two (32) years of age or younger on 31 December in the year of application for the doctoral scholarship; and
- Be intending to pursue full-time doctoral studies with effect from the following academic year of the year of application at a SA public university.

Applications for the NRF- MINDS Doctoral Scholarship open: April 2023
Application deadline: 11 July 2023. **Funding outcome:** 22 December 2023
 Applications for the NRF- MINDS Doctoral Scholarship must be submitted on: <https://nrfconnect.nrf.ac.za> under NRF Postgraduate Scholarships (Refer to the call documents for further information)

CONTACT DETAILS

NRF: Busisiwe Sibiyi BG.Sibiyi@risa.nrf.ac.za +27 12 481 4166 www.nrf.ac.za	MINDS: Sarah Kombasa skombasa@minds-africa.org www.minds-africa.org
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iv) African Early Career Scientists (FACES) African Early Career Chemists Workshop & 8th ACS Nigeria International Chapter Symposium June 4-8, 2023, Ibom E-Library Conference Centre, Uyo, Akwa Ibom State, Nigeria. FACES <https://acsnigeria.org/meetings-events>



ii) **The Global Conversation on Sustainability**

Since 25 September 2022, the International Younger Chemists Network (IYCN) and the International Union of Pure and Applied Chemistry (IUPAC) are jointly organizing the Global Conversation on Sustainability (GCS, <https://www.gcs-day.org>) in an annual fashion. This day has been chosen because it marks the anniversary of the United Nations Sustainable Development Goals (UN SDGs).

*Report: CHEMISTRY International April-June 2023 Volume 45 No. 2
by Juliana L. Vidal and João Borges*

iii) **Young Scientists' Conference**, Basic Sciences for Sustainable Development; Thohoyandou, University of Venda, 12-13 June 2023.

Organised by the South African Young Academy of Science (SAYAS), the Academy of Science of South Africa (ASSAf), the Department of Science and Innovation (DSI) and the University of Venda. Email: kholani@assaf.org.za

iv) **7th African School on Electronic Structure Methods and Applications - ASESMA 2023 | (smr 3847)** 12-23 Jun 2023; Kigali - Rwanda

The School will include hands-on tutorial sessions based on public license codes (including, but not limited to, the Quantum Espresso package). There is no registration fee.

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

v) **15th Green Chemistry Postgraduate Summer School.** 5th-7th July 2023, Venezia, Italy. <https://www.greenchemistry.school/programme/>

Royal Society of Chemistry News



i) Early Career Researchers and the IUPAC 2023 General Assembly and Congress

An exciting opportunity for early career researchers from Africa to participate in the IUPAC Young Observer's programme.

The Royal Society of Chemistry is inviting individuals to join, as a Young Observer, [the 52nd IUPAC General Assembly and 49th World Chemistry Congress](#), to be held in conjunction with 11th edition of CHAINS on August 18-25, 2023.

The IUPAC Young Observer programme aims to introduce the work of IUPAC to a new generation of researchers. Formed in 1919, the International Union of Pure and Applied Chemistry represents chemists worldwide through work of the highest integrity and objectivity relating to the nomenclature, terminology, standards and data for all the chemistry sub-disciplines. Through its project system, where more than a thousand expert chemists are elected by peers and engaged in task groups, IUPAC contributes strongly to key issues across the breadth of the chemical sciences.

Establish international collaborations

Successful applicants, typically early career researchers, will attend the IUPAC General Assembly and join meetings of the IUPAC Divisions and Standing Committees to learn more about what the Union does and how they might become involved in its activities. The programme provides an excellent opportunity to establish international collaborations, gain knowledge of global research activities, participate in the work of IUPAC and gain valuable experience for their CVs.

Each individual will receive up to £3,000 towards the cost of travel, registration and accommodation.

To hear first hand what it's like to be a Young Observer watch this YouTube video by Dr Marloes Peeters, who was a Young Observer in 2017 and is now a member of the IUPAC Polymer Division <https://www.youtube.com/watch?v=PWHA2DusbEs&feature=youtu.be>

Apply today

To be eligible **you must be resident in Africa**. Your application must include:

- a covering letter, identifying the IUPAC [projects and divisions](#) that are of interest to you and why
- a brief CV and publication list
- confirmation of your current status/position and affiliation

Please submit applications to international@rsc.org by **June 16th 2023**.

i) Hands-on NMR Training Workshop: 31st July to 4th August 2023

The University of Nairobi, Faculty of Science and Technology, Department of Chemistry, Chiromo Campus, Kenya

<https://www.linkedin.com/feed/update/urn:li:activity:7036644297437265920/>

Dr Andrew Shore MRSC, Senior Programme Manager, Pan Africa Chemistry Network (PACN)

ii) PACN meeting in Kenya;

November. More details later

African Journals of Chemistry

i) African Journal of Chemical Education (FASC)

Enquiries and manuscripts should be addressed to the Editor-in-Chief: email eic@faschem.org, PO Box 2305, Addis Ababa, Ethiopia.

Dr. Temechegn Engida e-mail: temechegne@faschem.org

- See the FASC website for a complete list of Journals

CONFERENCES/WORKSHOPS (AFRICA)

West Africa

Nigeria

- **46th International Conference, Nigerian Chemical Society**, Awka, Nigeria 17-22 September 2023
- **8th Annual Symposium of the Nigerian International Chapter of the American Chemical Society (ACS)**. Uyo, Nigeria, June 4-8, 2023. More details at: <https://acsigeria.org/meetings-events/>.

North Africa

Algeria

- **1st International conference on Environment Technologies and Sustainable Energy (ICETSE2023)**, October 17-18 2023 Tipaza, Algeria www.icetse.crapc.dz

Mauritania

- **Fourth International Chemistry Days (JIC 2023)**, 09-11 December 2023, Nouakchott Hotel; Nouakchott; Mauritania. <https://www.scmauritania.org/jic2023/>

Southern Africa

Mauritius.

- **Virtual Conference on Chemistry and its Applications (VCCA-2023)** 7 to 11 August 2023.

Theme: Chemistry and Interdisciplinary Research towards SDGs;
website: <https://sites.google.com/uom.ac.mu/vcca-2023>

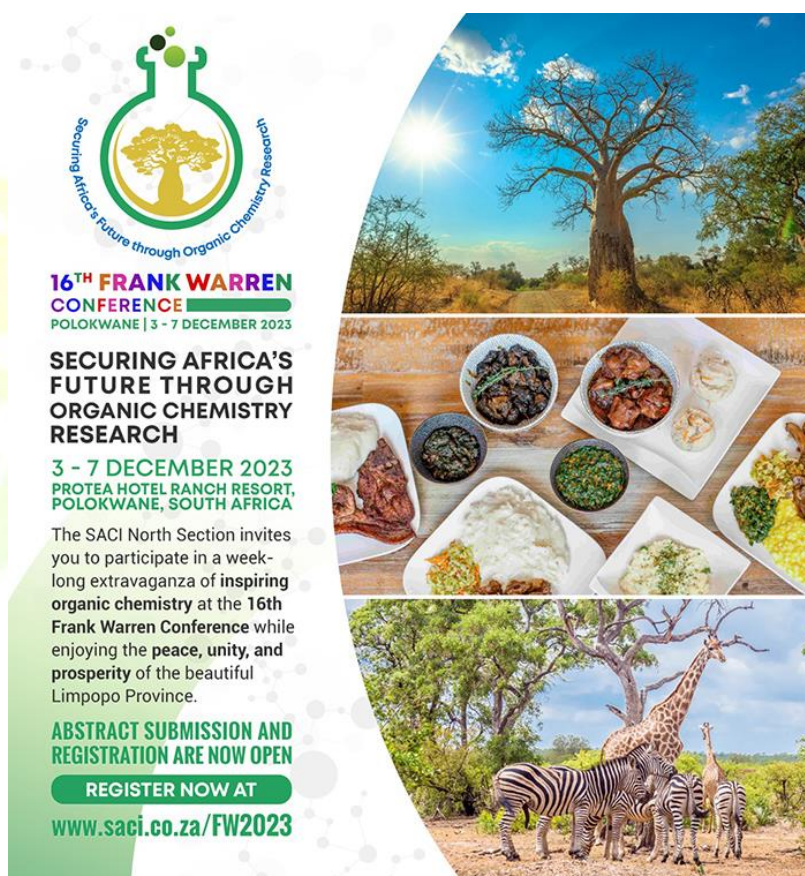
South Africa

- **CATSA 2023**, Catalysis Society of South Africa, Mossel Bay, South Africa. 14–17th November 2023
- **16th Frank Warren conference (organic chemistry)** 3-6 Dec 2023, Polokwane, South Africa. <https://www.saci.co.za/FW2023/>
- **African Inclusive Microscopy (AFINMIC)** 12-15 June 2023. Electron microscopy will be addressed (Light & Electron Microscopy + Spectroscopy). The workshop is free and online (using the **ZOOM** platform) so it will be easy to access it. The registration link is on the advert but please find it below for ease of access. N.B. The closing date for registration is 02 June 2023. <https://forms.office.com/r/chGuW3srW1> info@inmic.africa

Conferences/Workshops (International)

- 7th African School on Electronic Structure Methods and Applications - ASESMA 2023**(smr 3847) 12-23 June 2023; Kigali Rwanda
[https://urldefense.com/v3/_https://indico.ictp.it/event/10181_!!DZ3fjg!4iYMUFQq1piknRS8Q2Kz5XrH0A--ZSdMBfR9RBRg5T4k6RakjTr764ysY7ohdro_16p4kPjMB1at48kpfK0\\$](https://urldefense.com/v3/_https://indico.ictp.it/event/10181_!!DZ3fjg!4iYMUFQq1piknRS8Q2Kz5XrH0A--ZSdMBfR9RBRg5T4k6RakjTr764ysY7ohdro_16p4kPjMB1at48kpfK0$)
- Biophysics in Africa conference**, Zoom Conference: 2 - 5 May 2023,
<https://biophysics2023.africanlightsource.org>; <https://events.saip.org.za/event/238/>
- 4th Commonwealth Chemistry Posters Event**, online on the 4th and 5th October 2023.

Conference information



16TH FRANK WARREN CONFERENCE
POLOKWANE | 3 - 7 DECEMBER 2023

SECURING AFRICA'S FUTURE THROUGH ORGANIC CHEMISTRY RESEARCH

3 - 7 DECEMBER 2023
PROTEA HOTEL RANCH RESORT, POLOKWANE, SOUTH AFRICA

The SACI North Section invites you to participate in a week-long extravaganza of inspiring organic chemistry at the 16th Frank Warren Conference while enjoying the peace, unity, and prosperity of the beautiful Limpopo Province.

ABSTRACT SUBMISSION AND REGISTRATION ARE NOW OPEN

REGISTER NOW AT
www.saci.co.za/FW2023



La Société Chimique de Mauritanie
En collaboration avec l'Université de Nouakchott

organise

Les Quatrièmes Journées Internationales de Chimie

JIC 2023

Du **7** au **9** Décembre 2023
Hôtel Nouakchott, Nouakchott, Mauritanie

Plus de détails sur
www.scm Mauritania.org

Logos of partner organizations: Mauritanian Chemical Society, Ministry of Higher Education and Scientific Research, ANRSI, Mauritanian Chemical Society, FASC (Federation of African Societies of Chemistry), and Royal Society of Chemistry.



NA – INTERNATIONAL MICROSCOPY WORKSHOP

12-15 June 2023

Theme: Magnifying the Solution

Key Areas

- Sample Preparation
- Stereo / Light Microscopy
- Fluorescence / LCSM
- SEM
- TEM
- AFM
- Raman
- XRD - SAXS
- Optical Spectroscopy
- Data Analysis

Student Participation Prizes

•Social Media Participation

Post a video clip, animation, presented slides/poster presentation, or an audio clip (maximum of 2 minutes) that elaborates on how you 'Magnify the solution' to your research problem using microscopy

•Participation in The Workshop

Students that attend all scientific sessions with meaningful engagements / interactions

Social Media Star

The attendee who shines the brightest on social media; sharing informative and creative insights, photos and engaging with others; will be crowned the Social Media Star.

Post this on our available social media platforms, Facebook and Twitter with the following:

@InMicroscopy and
@Microscopy_za

#AFINMIC

#Microscopy

#Workshop2023

#InclusiveMicroscopy

#MagnifyingTheSolution

**USD 1000
worth of prizes !!!**

To register please use the link below. Deadline for registration is

2 June 2023

<https://forms.office.com/r/chGuW3srW1>

For any queries please contact: info@inmic.africa



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

Federation of African Societies of Chemistry



Sigma-Aldrich.
Lab & Production Materials



MERCK

APPLY NOW!

Alfred R. Bader Award for Student Innovation

Are you a trailblazer in the world of science, with a passion for innovation and a vision of a more sustainable future?

By bringing together the brightest minds in chemistry, we hope to spark new ideas and inspire visionaries to continue pushing the boundaries of what's possible in science.

Submit your research and join us in shaping the future of chemistry!

Topics:

- Organic Chemistry
- Chemical Synthesis
- Cheminformatics & Digital Chemistry
- Chemical Biology
- Medicinal Chemistry
- Drug Discovery

Prize

Two winners will be awarded \$2,000. Winners will be announced July 2023.

Chemistry Innovation Symposium

Winners will have the honor to present their research at the Chemistry Innovation Symposium sponsored by Merck KGaA, Darmstadt, Germany on September 6, 2023. This symposium will also feature the winners of the 4th Compound Challenge, a worldwide retrosynthesis competition for designing the best synthetic route.

Application

Please submit the following to: BaderAward@merckgroup.com

- Research summary (maximum 4,000 words) highlighting:
 - Project background and most important results
 - Applicant's individual contribution to the project
 - Impact on the scientific community
- 100-word personal statement about:
 - What new technology in chemistry will have the greatest impact on the field of synthetic chemistry in the coming decade?
- CV or resume (2 pages max.)
- Completed application form
- Deadline: June 30, 2023

Eligibility

- Applicants must be at least 3rd year graduate students (have completed 2 years of a doctorate degree or master's degree program)
- Winners must be able to present their research at the Chemistry Innovation Symposium sponsored by Merck KGaA, Darmstadt, Germany (virtual event)
- Please refer to the Terms & Conditions available on the webpage

Questions?
Contact: BaderAward@merckgroup.com



The Life Science business of Merck operates as MilliporeSigma in the U.S. and Canada.

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**The Alfred R. Bader Award
In Synthetic Organic Chemistry**

