



**THE AFRICAN PHYSICS
NEWSLETTER (APN)**
A MEDIUM FOR COMMUNICATION AND
NETWORKING IN AFRICA

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Chair, African Physics Newsletter Advisory Committee

Member, APS Committee on International Scientific Affairs



Goals

- Introduce the African Physics Newsletter,
- Give examples of the types of articles it has been publishing,
- Encourage you to subscribe and contribute articles about your physics activities,
 - *Independent of the ASFPA*
 - *With the ASFPA*
- Tell you how to subscribe and contribute articles.

Introduction to the APN

- The APN emerged from the survey of African physics conducted by the African Physics Project, joint activity of the APS, IoP, EPS, SAIP and ICTP.
- The APN's goal is to bridge communication gaps between African physicists in a country, among countries and between the continent and its outside.
- Publication started in 2019.
- Working Model:
 - *Each quarter, news articles, solicited by or submitted through an all-volunteer Editorial Board of African physicists, are delivered to the APS.*
 - Each issue has 8-12 two-page articles, a newsletter not a journal.
 - *The APS then reviews, formats, and distributes them.*
 - The APS plays no role in the solicitation or identification of the articles published.
- **The newsletter is created by and for the African physics community.**
- Distribution:
 - *Subscribers*
 - Subscriptions are **free** and open to anyone, even non-physicists.
 - *Websites: African Physical Society, Ethiopian Physical Society (North American)*
 - *Selections: Newsletter of the APS's Forum on International Physics, the AfriSciTech.org webpage*

Editorial Board

- *North Africa:*
 - Prof. Rasha Khafagy (Ain Shams University, Cairo, Egypt)
 - Prof. Mourad Telmini (University of Tunis El Manar, Tunis, Tunisia)
- *Southern Africa:*
 - Past Editor in Chief, Prof. Igle Gledhill (University of Witwatersrand, Johannesburg, South Africa)
 - Dr. Iyabo Usman (University of Witwatersrand, Johannesburg, South Africa)
- *East Africa:*
 - Prof. Marie Chantal Cyulinyana (Kigali College of Science and Technology, Kigali, Rwanda)
 - Prof. Victor Odari (Masinde Muliro University of Science and Technology, Kakamega, Kenya)
- *West Africa:*
 - Editor-in-Chief, Prof. Moses Jojo Eghan (University of Cape Coast, Cape Coast, Ghana)
 - Prof. Lat Grand Ndiaye (University Assane Seck, Ziguinchor, Sénégal)
- *Central Africa:*
 - Prof. Stéphane Kenmoe (Universitaet Duisburg-Essen, Essen, Germany)

Highlights from Past Issues

- Twenty-five Years of Laser at Cairo University
- The African Science and Technology Budget
- Science Camp for High School Girls in Tanzania
- Upcoming Events and Activities
- Two Giant Radio Galaxies Discovered by MeerKAT
- The Physics Association of Botswana
- Building Quantum Skills and Community in Africa
- University of Tunis El Manar Launches a Master's in Nanophysics and Nanotechnology
- Interview: Dr. Solomon Assefa, Vice President, IBM Research - Africa & Emerging Market Solutions
- African Strategy for Fundamental and Applied Physics (ASFAP)
- The Alumni of the African School of Fundamental Physics and Applications (ASP)

Highlights from Past Issues

- "QPythonist" Students Learn Computational Science and Engineering through Android Smartphones
- Working Towards an African Crystallographic Association
- Opinion: EU Strategy for Particle Physics
- Applications of Near-Term Quantum Computers: Unlocking the Capability of Noisy Quantum Computers for Africa
- Fractal Light from Lasers



Highlights from Past Issues

- Interview: Sekazi Mtingwa Speaks About Mentoring and Africa
- Women in Science in Africa: A Silent Revolution
- Students' Experiences in COVID: Students speak about their activities during the COVID-19 Period – University of Nairobi
- African Physics Newsletter: Statement on Racial and Social Justice
- Laser and Fibre Optics Centre: A Hub for Basic and Applied Optics Research
- 2nd Annual Meeting of the West African Physical Society by the Senegalese Physical Society
- The International Centre for Theoretical Physics (ICTP) opens the first African partner institution in University of Rwanda, Kigali



Communication and Networking

- The APN is a mechanism to communicate with a broad group of physicists in Africa, in the diaspora, and outside of the African physics community.
- The selected highlights are examples of the spectrum of communications that occur within any physics community.
 - *While activities and countries are diverse and disperse, the newsletter is showing that Africa has a **vibrant physics community!***
 - The whole is greater than the sum of its parts!
- Specific opportunities for the ASFPA community include posting
 - *Calls for participation and contributions for working groups,*
 - *Announcements of upcoming events,*
 - *Reports on interim progress,*
 - *Reports of reaching milestones.*



■ How to subscribe?

- Go to

<https://go.aps.org/africanphysics>

- *The next issue is in September.*
- *Past issues are accessible by clicking a tab in the top left of any issue.*

■ How to contribute news articles?

- *Whether a subscriber or not, whether about the ASFPA or not,*
- *Email Dr. Moses Jojo Eghan, Univ. of Cape Coast, Ghana,*
meghan@ucc.edu.gh
- *Or email me,*
jegubernatis@mailaps.org
- *Or follow the instructions given in the newsletter.*
 - Length ~2 pages, plus links, & a graphic or two
 - Template available

THANK YOU!