

ASESMANET Intra-Africa Mobility Call 2026 - Call for Applications

ASESMANET (Atomistic Simulations, Electronic Structure, Computational Materials Science and Applications: the African Network), an initiative affiliated with the African School of Electronic Structure Methods and Application (ASESMA), invites applications for its **Intra-Africa Mobility Programme 2026**.

The programme supports Africa-based researchers working in electronic structure, atomistic simulations, computational chemistry, materials science, and biophysics to undertake research visits in another African country in 2026 (**latest start: October 2026**).

It is open to researchers employing electronic structure methods (e.g., DFT, HF) or statistical sampling approaches (e.g., Monte Carlo, Molecular Dynamics), as well as related computational techniques.

The programme aims to strengthen scientific collaboration within Africa and between Africa and Europe, advance the development and application of electronic-structure and molecular-modeling methodologies, and enhance research capacity, interdisciplinary knowledge exchange, and the overall development of computational science in the region.

Funding

The mobility grant covers:

- Travel (international flights within Africa)
- Accommodation
- Living allowance

ASESMANET visits are possible thanks to the generous support of ICTP, CECAM, the Psi-k Network, NCCR MARVEL, and the Fritz Haber Institute of the Max Planck Society.

Eligibility

Applicants must be based at an African institution and be:

- Lecturers or faculty members
- Postdoctoral researchers
- PhD students

Research areas include (but are not limited to):

condensed matter physics, materials science, computational chemistry, biophysics, quantum dynamics, and computational drug design.

Women scientists are strongly encouraged to apply.

How to Apply

Send an email to asesmanet@ug.edu.gh with the required documents:

1. Research Proposal (1–2 pages)

Include: motivation, state of the art, objectives, methods, research plan, relevance, and justification of host.

File name: Your_Name_Proposal.pdf

2. Support Letter from Hosting Scientist

Must confirm infrastructure, topic, dates, and host research relevance.

Sent directly by host to the same email.

File name: Your_Name_Support.pdf

3. Applicant CV

File name: Your_Name_CV.pdf

4. Host Scientist CV

File name: Your_Host_Name_CV.pdf

You may alternatively submit **all documents combined into a single PDF**.

Deadline

April 10, 2026

Contact

For questions: asesmanet@ug.edu.gh