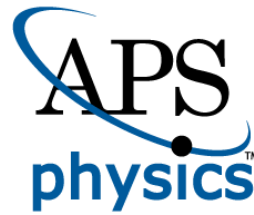




United Nations
Educational, Scientific and
Cultural Organization



ICTP - East African Institute
for Fundamental Research
under the auspices of UNESCO



First Workshop of the U.S.-Africa Initiative in Electronic Structure (USAfri)

14 June – 18 June, 2021

ONLINE

Background and purpose

The “U.S. – Africa Initiative in Electronic Structure” (USAfri) is an initiative of the American Physical Society to foster collaborations between African and U.S. physicists with the aim of significantly impacting research and education in Africa. Partnership in Electronic Structure is advantageous because nowadays it has become an essential part of materials-related research with applications in many fields such as chemistry, biochemistry, biophysics, geophysics, geochemistry, and others, and there is a growing network of capable researchers in Africa resulting from sustained efforts over the past 10+ years. USAfri is leveraging on these endeavors and hosting two workshops: one ONLINE in June 2021 where participants from both continents meet each other to identify common research interests, and one in-person workshop a year later (2022) in the U.S. The 2021 workshop will be a 5-day program conducted ONLINE. The 2022 workshop will be followed by individual visits of Africans to research groups and user facilities in the U.S. to further develop potential working relationships.

Participation Information

African university lecturers in Condensed Matter Physics and related fields, as well as postdoctoral fellows and advanced post-graduate students (masters and doctoral levels) are encouraged to apply to this USAfri. Women are strongly encouraged to apply. Selection of participants will be based on their technical background. Priority will be given to applicants who will be presenting talks or posters of their current work in electronic structure. There is no registration fee. To apply, **fill the form here:** <https://forms.gle/pRmsbDP7tgvj4f6p8> and upload your CV there.

Further information

Additional information can be found at the web site <https://usafricainitiative.org>. USAfri is funded by the Innovation Fund (IF) of the American Physical Society.

Deadline for application: May 7, 2021

For further information contact: usafri@eaifr.org

APS INNOVATION FUND

