



Second African Conference on Fundamental and Applied Physics ACP2021

Contribution ID: 50

Type: **Invited Talk**

Light sources for capacity building and research in Africa

Wednesday, 9 March 2022 12:00 (25 minutes)

Light sources proved to be super-efficient in a wide range of applications such as physics, chemistry, biology, geology, biomedicine, agriculture, environment, materials science, cultural heritage and archeology. Therefore, their scientific and societal impact on education, science and technology development, besides capacity building, cannot be doubted. During the last two decades, a huge demand in the implementation of light sources all over the world is witnessed. This talk will highlight the light sources significance for Africa. A highlight on the ASFAP Light Sources working group will be also presented. The working group aims at advising on strategies towards light sources in Africa, with considerations of compact light sources, synchrotron light sources, and other related topics relevant to an African context such as the capacity building development.

Abstract Category

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Session Classification: Physics Plenary (4)