



19th -07-2021

To ASFAP COMMITTEE

Subject: Support letter & Letter of intent to the ASFAP initiative,

Dear Esteemed Colleagues,

Within the framework of the UNESCO-UNISA iTLABS/NRF Africa Chair in Nanosciences & Nanotechnology (U2ACN2), a trilateral partnership between the UNESCO, the University of South Africa (UNISA), and iThemba LABS, a national facility of the South African National Research Foundation (NRF) as well as the Nanosciences African Network (NANOAFNET), an African Union Network of Excellence, **I wish to add their voices to this strategic initiative titled “ The African Strategy for Fundamental & Applied Physics (ASFAP).**

Likewise, I wish to mention the following milestones in the Physics at the nanoscale that are implemented in support of ASFAP's vision & mission:

- i- Implementation of a continental human capital development at postgraduate level in the sciences at the nanoscale,
- ii- Implementation of a continental human capital mobility in the sciences at the nanoscale,
- iii- Implementation of a co-diploma program in the sciences at the nanoscale,
- iv- Creation of an African Open Access Journal in the sciences at the nanoscale; "Nano-Horizons"

Within ASFAP, We would suggest the followings:

- i- Advocating for an African Diploma in Physics,
- ii- Advocating for the introduction of AI & associated disciplines as a required component in the Physics national academic syllabus,
- iii- Working with African Physical Society to implement an indexed continental Physics Journal,
- iv- Implement an annual hybrid international African Conference in Physics,
- v- Implement a specific program with the African Diaspora. This later is a pivotal corner up to now not harnessed at the deserved level.

With my Sincere Considerations,

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Fellow of the African Academy of Sciences
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