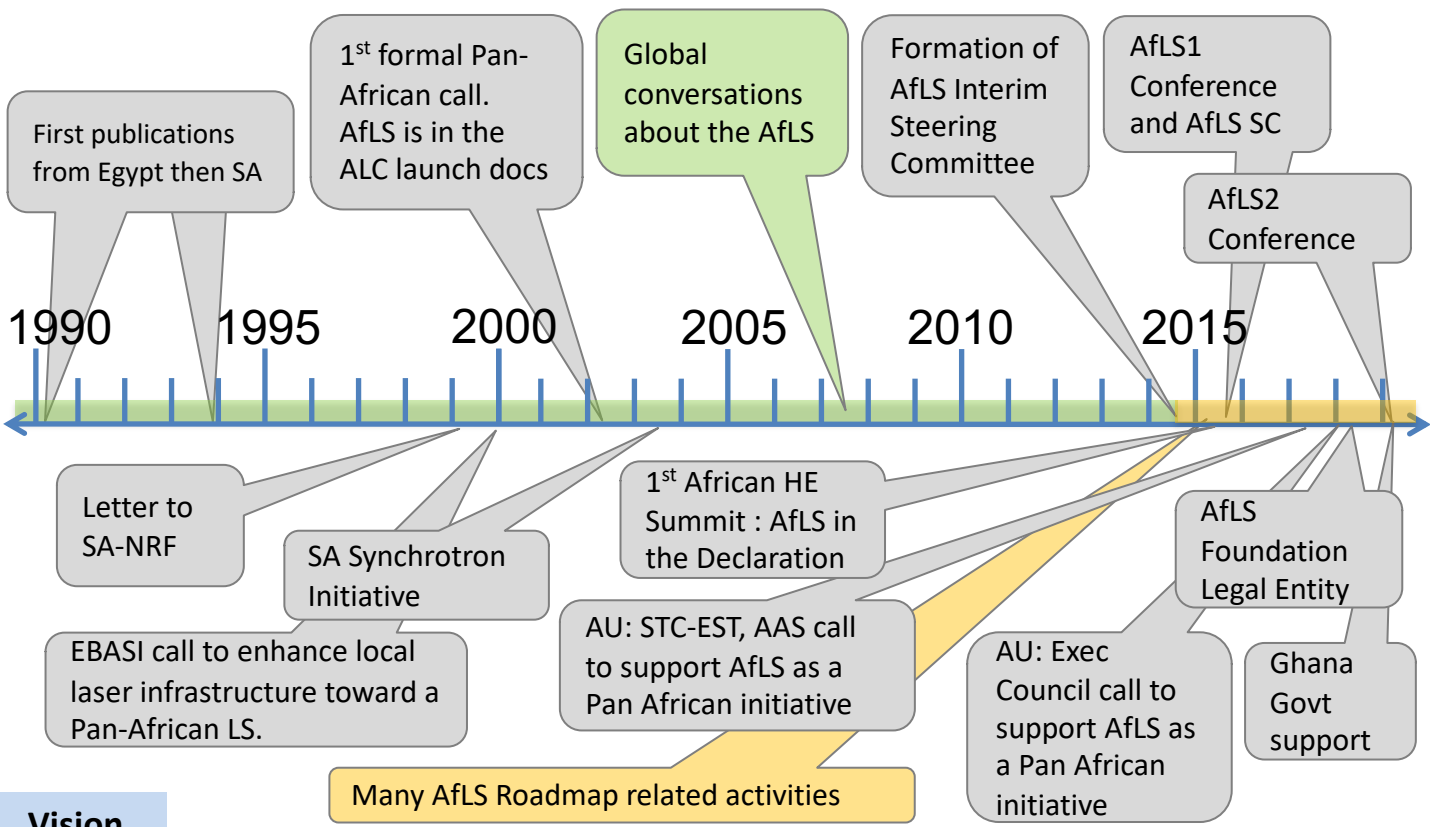




# The African Light Source Project

<http://www.africanlightsource.org>



## Vision

(developed at the 1<sup>st</sup> African Conference and Workshop of the African Light Source)

For Africa to construct, operate, maintain and continuously enhance a world class light source facility on the African soil for the benefit of the scientific community of the member states and of the scientific community at large in order to stimulate and support the development and growth of knowledge-based socioeconomic systems to improve the quality of human life and sustainable environment.

## Global and Africa relevant Research and Innovation – by Africans and partners

African Cultural and Paleo Heritage

Developing medical interventions for Africa's disease burden, Malaria, HIV, TB, Ebola ....

Beneficiating Africa's mineral wealth: Mining Review Africa

AfLS-CDR Conceptual Design Report

Energy Materials Innovations

..... and much more



# The African Light Source Project



## [AfLS 1 : Grenoble : Nov 2015](#)

## [AfLS 2 : Ghana : Jan 2019](#)

An IUPAP-IUCr project within the 2016-2019 ICSU Grants Programme



**Sekazi Mtingwa**  
TriSEED Consultants, USA  
Chair, LAAAMP Exec. Comm.  
Chair, IUPAP C13 Commission



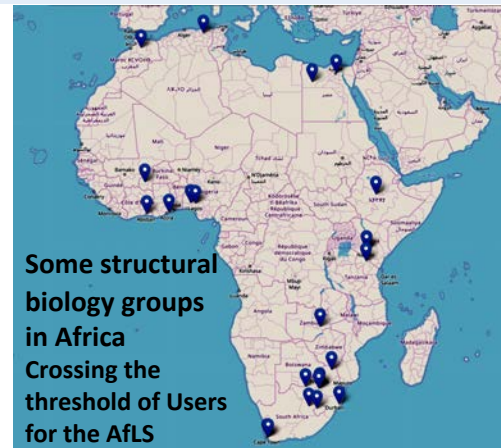
**Sandro Scandolo**  
ICTP Trieste, Italy

<http://laamp.iucr.org/>



**Michele Zema**  
University of Pavia, Italy  
Dir. of Outreach, IUCr

See the [AflS website](#) for many projects and activities in the Roadmap



Some structural biology groups in Africa Crossing the threshold of Users for the AfLS

24-page brochure "Advanced Light Sources and Crystallography: Tools of Discovery and Innovation" <https://laamp.iucr.org/tasks/brochure>

### 1. South Africa

- Aaron Klug Centre, UCT, [link](#), U Witwatersrand, U Free State, U Stellenbosch, [iThemba](#)

Significant facilities

### 2. Benin, X-TechLab, Benin, [link](#)

### 3. Ghana, U Ghana, [link](#)

### 4. Côte d'Ivoire, LaCPM, Université Felix Houphouet Boigny, Abidjan, [link](#)

### 5. Senegal, Ziguinchor, [link](#)

### 6. Cameroon, Dschang, [link](#)

### 7. Kenya, Kenyatta University, [link](#)

### 8. Tunisia

- Monastir, [link](#), Nabuel, Tunisia, [link](#)

### 9. Algeria, Constantine 1, [link](#)

### 10. Morocco

- U Rabat, [link](#), El Jadida, Morocco, [link](#), Agadir, Morocco, [link](#)

IUCr OpenLab venues with facilities



Some feeder infrastructure in Africa Crossing the threshold of Users for the AfLS

Ghanaian President commits Ghana to Champion the AfLS, where ever it is.



AfLS encouraged at AU Exec Council level.



The joint virtual event of the  
**AfLS3-2021 : African Light Source**  
**ePCCr : Pan-African Conference on Crystallography Online**  
**AFPS-2021 : African Physical Society**



15-19 Nov 2021 Hosted by X-TechLab

<https://events.saip.org.za/event/170/>



Register now for the [AflS3 2021 Virtual Meeting](#)