



October 2018 LAAAMP information page

## Pan African Conference on Crystallography (PCCr2) and African Light Source Conference (AFLS2)



The Joint Conference of the 2nd Pan African Conference on Crystallography (PCCr2) and the 2nd African Light Source Conference (AFLS2) will be held in **Accra, Ghana, from 28 Jan to 2 Feb 2019**.

The **Pan African Conference on Crystallography (PCCr2): *Crystallography, a tool for sustainable development in Africa*** follows a very successful PCCr1 held in Dschang, Cameroon, in 2016. It is designed to bring together crystallographers, mineralogists and solid-state scientists from Africa and beyond. The aim is to promote crystallography and explore educational opportunities for researchers in the field, the benefits of which are not just limited to academia, but industry as well. The PCCr2 will also represent a step towards the African Crystallography Association (AfCA), which aims to network all African crystallographers and structural scientists.

The **2nd African Light Source Conference (AFLS2): *Towards a brighter future*** comes after the successful AFLS1 held at the ESRF in Grenoble in 2015. During the AFLS1, the Roadmap towards the ultimate establishment of an AFLS was developed, together with a Steering Committee that had both a large African and a global footprint. The Roadmap relates to developing the user base, the projects, deep capacity building, promoting networks, scientific and technical exchanges, building associated local infrastructural capacity, raising the profile of the project politically and developing the Pan African strategic plan with African leadership. The AFLS2 will review the light-source-based science and also progress the vision of an African Light Source.

**PCCr2 and AFLS2 is a joint Conference. It is co-located, and interdigitated, with both shared and parallel sessions. We look forward to a fruitful partnership progressing the aims of both conferences.**

The joint PCCr2-AFLS2 Conference is supported by .

Find out more at:

<http://www.pccrafrica.org/>

<http://events.saip.org.za/conferenceDisplay.py?confId=145>

## 3rd Call for Applications for FAST teams: approaching deadline

Faculty-Student (FAST) teams from Africa, the Caribbean, Mexico, Southeast Asia or the Middle East are invited to apply for a LAAAMP grant to spend two (2) months during Calendar Year 2019 at LAAAMP's AdLS Collaborative Partners to participate in learning AdLS beamline techniques, including those involving crystallography.

**DEADLINE FOR APPLICATIONS: 15 November 2018**

More information and the application form are available at

<https://laaamp.iucr.org/calls/jan-dec-2019>

## LAAAMP Tasks

**Task 1.** Develop a **Strategic Plan** for each region to grow and enhance its Advanced Light Sources (AdLS) and crystallography user communities.

**Task 2.** Establish a **Colloquium Programme** for each region to recruit new AdLS and crystallography users and to advertise LAAAMP projects via invited talks at targeted venues. Also, launch a series of new IUCr-UNESCO OpenLabs, which is a network of operational crystallography laboratories in developing countries aimed at increasing the access to, and utilization of, crystallography in all regions of the world.

**Task 3.** Publish an Informational **Brochure** that describes AdLSs, crystallography, and the many fields that they impact.

**Task 4.** Facilitate **researchers' visits** to AdLS and crystallography facilities.

**Task 5.** Convene a **meeting at UNESCO** to present the regions' Strategic Plans and define the charge for more detailed Business Plans that include feasibility studies of constructing AdLSs in regions where they do not yet exist.

## Partner AdLSs

Advanced Light Source (USA)  
Advanced Photon Source (USA)  
ALBA (Spain)  
Australian Synchrotron  
Canadian Light Source  
DELTA (Germany)  
Elettra (Italy)  
European Synchrotron Radiation Facility (France)  
MAX IV (Sweden)  
National Synchrotron Light Source-II (USA)  
Photon Factory (Japan)  
Pohang Accelerator Laboratory (South Korea)  
SESAME (Jordan)  
Siam Photon Source (Thailand)  
Stanford Synchrotron Radiation Lightsource (USA)  
Taiwan Photon Source

## LAAAMP Structure

### Executive Committee

Sekazi K. Mtingwa, Chair  
Michele Zema  
Sandro Scandolo

### Regional AdLS Usage and Strategic Plan Committees

AFRICA - Chair: Simon Connell  
CARIBBEAN - Chair: Carlos Cabrera  
MEXICO - Chair: Matías Moreno  
MIDDLE EAST - Chair: Özgül Öztürk  
SOUTHEAST ASIA - Chair: Rungrueang Phatthanakun

**Brochure Editor:** Ernie Malamud

**Usage Database Manager:** Lawrence Norris

### Steering Committee

### Observers

### Partner institutions

AfLS Steering Committee; AAPPS; Cuban Light Source Initiative; EPS; ICSU ROA; ICSU ROAP; INCREASE; ICTP; IUMRS; UCLA Laboratory for Physics and Applications of High Brightness Beams; Lightsources.org; Puerto Rican Light Source Initiative; Sociedad Mexicana de Física; UNESCO Division of Science Policy and Capacity Building; Triseed Consultants; LLC; TWAS

<https://laaamp.iucr.org>