

LAAAMP Tasks

Task 1. Develop a **Strategic Plan** for each region to grow and enhance its Advanced Light Source (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 Information **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)
National Synchrotron Light Source-II (USA)
Photon Factory (Japan)
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

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Supplement to second call for FAST teams now open

Faculty-Student (FAST) teams from Southeast Asia are invited to apply for a LAAAMP grant to spend two (2) months during Calendar Year 2018 at Partner AdLSs to participate in learning AdLS beamline techniques, including those involving crystallography.
DEADLINE: 1 June 2018

LAAAMP is inviting applications from FAST teams to spend two months at participating AdLSs during the 2017-2019 triennium. The faculty should be employed at a university in Africa, the Caribbean, Mexico, SE Asia or the Middle East and accompanied by his/her PhD student. LAAAMP will provide 2000 Euros per person to cover transportation. Any excess will be applied to subsistence.

The remainder of subsistence costs should be negotiated with the host AdLS and other sources of support. After the visit, the team should provide a description of the research conducted, including any resultant publications, and an evaluation of the non-scientific aspects of the visit, including positive experiences as well as ways that the visit could be enhanced in the future.



In the first two calls, 23 FAST teams have been awarded

LAAAMP midterm workshop, Trieste, 24 August 2018

This workshop will provide a discussion of the history and status of the African Light Source Initiative, Mexican Light Source Initiative and SESAME. Moreover, it will offer a detailed discussion of LAAAMP and its various programmes in Africa, Mexico, the Caribbean, Southeast Asia and the Middle East. An update also will be provided on the Information Brochure on Advanced Light Sources and Crystallography, which is published for the benefit of government officials and the public.



LAAAMP Colloquium Programme

Next colloquium: Dr Thierry d'Almeida, Cotonou (Benin), 4-5 May 2018

The Colloquium Programme will dispatch experienced AdLS users and crystallographers to universities and other institutions and private enterprises for 3-day visits to give



Prof. D.G. Lamas giving a colloquium presentation at the inauguration ceremonies of the IUCr-UNESCO LAAAMP OpenLab Costa Rica

presentations on the capabilities of AdLSs and crystallography and engage in discussions on how they can enhance researchers' investigations and offer career opportunities for university students. While in a given location, the lecturers will visit government officials and secondary schools to inform officials, teachers and students of the successes of AdLSs.

Previous Colloquium presentations

Diego G. Lamas, San José (Costa Rica), 4 December 2017
Prosper Ngabonziza, Kigali (Rwanda), 15-20 December 2017

<https://laaamp.iucr.org>