



science & innovation
Department:
Science and Innovation
REPUBLIC OF SOUTH AFRICA



CALL FOR PROPOSALS

AFRICAN LASER CENTRE

2020 TRAINING PROGRAM

Deadline: 14 February 2020

The African Laser Centre (ALC) is a NEPAD flagship initiative and is funded by the Department of Science and Innovation through their Africa Multilateral Cooperation program. CSIR National Laser Centre (NLC), a key node of the ALC would like to take this opportunity to introduce the ALC training program and to invite proposals from the ALC members and other interested parties to arrange and present training related events to support the training of young researchers and/or technicians in laser related topics.

The training should be provided in line with the ALC's Educational Programme which aims are to improve and hone skills of young researches and /or technicians who are involved in laser science and technology. The Educational Programme of the ALC has three focus areas, namely

- 1) Conferences/Workshops/Symposia
- 2) Young researcher and technician training schools and
- 3) Scholarships

This call is for proposals that addresses item (1) and (2) above only. Scholarships are specifically excluded from this call.

The ALC training grant scheme focuses on the promotion of laser and laser-related training, with the purpose to stimulate and grow a new generation of laser researchers and technicians on the African continent. The aim of this program will support the establishment of research and development capabilities on the African continent and to support human capacity building in laser based sciences and engineering disciplines.

Applications will be evaluated in line with the approved ALC training guidelines as presented in this document. The proposal should cover the full details of the nature of the training, the strengths and experience of the facilitating team, the targeted audience and a detailed roll out plan. The successful applicants will be responsible for organising all aspects of the event.

The envisaged training may focus on the following activities:

- Photonics related symposium/conference/seminar or winter school type event or topical workshops focusing laser technology or laser technology applications;
- Laser Technician training workshops;
- Short courses for researchers covering theory and practical training courses.

Criteria for eligibility:

- The principal applicant /lead trainer(s) must hold PhD(s) and be experienced in their field, supported by experienced training team members (postgraduates) and technical support staff with relevant experience in organising such events.
- The training should occur at adequately equipped and recognised facilities for the proposed activity.
- A strong youth trainee target group is mandatory (M /PhD key driver). Clear indications of the number of African **AND** South African students that will be participating in the event needs to be provided in the application.
- The envisaged training must ideally be scheduled to take place in the period April 2020 to March 2021.

Please extend this invitation to all researchers in your network who are working in photonics and laser related fields in physics, chemistry, biochemistry, environmental chemistry, engineering, agriculture, physiotherapy, medical, biomedical and other relevant fields in your institution.

Reporting

A detailed report is expected as a deliverable from the project. A project template will be provided, and will request details on the participants to the event, as well as source documents for all expenditure on the project.

Budget:

Only costs associated with travel, accommodation, S &T and facilitation will be covered.

Preference will be given to applications where there are evidence of co-funding from your institution or another funding entity, or from sponsorships or registration fees. Details on the co-funding should be clearly articulated in the proposal.

For audit purposes, all expenditure will have to be accounted for by providing source documents with your report.

Please note:

All applications must be signed, scanned and electronically submitted to the CSIR National Laser Centre. Complete application form (attached), scan and email to nlcrentalpool@csir.co.za as a pdf and submit.

Important dates are:

Opening of the call: 25 November 2019

Closing of the call: 14 February 2020

Please direct all queries to:

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NO LATE APPLICATIONS WILL BE ACCEPTED.