

From: [Fouche, Malene, Mrs \[mfouche@sun.ac.za\]](mailto:mfouche@sun.ac.za)
To: [Fouche, Malene, Mrs \[mfouche@sun.ac.za\]](mailto:mfouche@sun.ac.za)
Subject: CSIR: Call for applications - ALC Knowledge Exchange Program - 2022
Date: Tuesday, 28 September 2021 17:48:19
Attachments: [ALC KEP application form 2022.docx](#)
[Announcement of Call 2022 ALC KEP ver 1.pdf](#)
Importance: High

Let asb daarop dat hierdie inligting aan 'n verspreidingslys van alle US-navorsers gestuur word. Dit mag dus wees dat hierdie spesifieke oproep nie van toepassing is op u studieveld nie. Ons vertrou dat toekomstige oproepe wel relevant mag wees./ Please note that this information is sent to a distribution list of all SU researchers. It may, therefore, be possible that this specific call is not applicable to your specific research field. We trust that future calls will be relevant.

Dear colleagues

Please take note of this call for funding aimed at giving Doctoral and Masters students in **photonics related disciplines** the opportunity to spend a period of up to six months at an African collaborator to gain knowledge and experience from the host collaborator, or to gain access to specialised research infrastructure not available at the applicant's home institution. **Please note that the application must be completed by both the supervisor of the student and also signed by the host researcher.**

The internal deadline for applications is **26 October 2021**. Completed and signed applications must be submitted to Ms Venita Januarie (venita@sun.ac.za) before or on this date.

For general queries, proposal guidance and institutional approval, please contact Maléne Fouché (mfouche@sun.ac.za) or Venita Januarie (venita@sun.ac.za)

Regards

Maléne

Hierdie kennisgewing is aan u gestuur deur die Afdeling Navorsingsontwikkeling (ANO) van Universiteit Stellenbosch.

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die verspreidingslys van kommunikasie rakende befondsingsgeleenthede en werksinkels.

This notice was sent to you by the Division for Research Development (DRD) of Stellenbosch University.

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me to communication regarding funding opportunities and workshops.

Dear recipient,

The African Laser Centre(ALC) program is a Department of Science and Innovation supported program and is managed and implemented by the CSIR National Laser Centre. The ALC program at the CSIR herewith issue a call for proposals for the ALC Knowledge Exchange Program, aimed at ALC collaborators. The ALC Knowledge Exchange Program (KEP) is targeted at Doctoral and Masters students, to spend a period of up to six months at a collaborator to gain knowledge and experience from the host collaborator, or to gain access to specialised research infrastructure not available at the applicant's home institution. More detail on the ALC Knowledge Exchange Program is available in the Call document attached. The focus of the ALC KEP proposal should be specifically targeted at a nominated post graduate student or young researcher to visit a collaborator's laboratories in order to receive specialised training or knowledge transfer, with the goal to establish new competencies at his or her home institution. General research collaboration project submitted under this call will not be considered.

The application has to be submitted by both the applicant institution as well as the host institution.

Please find attached the following:

1. Call announcement for the 2022 ALC Knowledge Exchange Program.
2. Application form for support under the ALC Knowledge Exchange Program in 2022.

Please note that the call closes on Friday 29 October 2021. No late submissions will be considered.

Funding allocations will be made subject to funding support received from the DSI.

All submissions must be made electronically to nlcrentalpool@csir.co.za AND tiduplooy@csir.co.za

For more information, please contact myself or Mr. Thomas du Plooy at the CSIR National Laser Centre.

Good luck with your submissions

[Hardus Greyling](#)

National Laser Centre

CSIR Manufacturing Cluster

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Pretoria

0001

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<https://www.csir.co.za/future-production-manufacturing>

hgreyling@csir.co.za



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Call for Applications: ALC Knowledge Exchange Program support

2022

The African Laser Centre (ALC) is an **open non-exclusive partnership** to stimulate innovation, research and technology development **in lasers and the applications thereof**, across Africa. In support of this broad objective, the ALC **seeks local, continental and global partnerships** to support this objective. The ALC is also recognized as an **AU-NEPAD Flagship Program**. To enable this objective the ALC has an active research collaboration support program and a training and conference support program to support the organization organisation of conferences, workshops and topical short course presentation. The ALC also has a scholarship program for African students to enrol and do post graduate degrees at South African Tertiary Institutions in a laser-related research field.

The ALC Knowledge Exchange Program supports the development of centres of expertise in photonics related disciplines across the African continent. The ALC Knowledge Exchange Program (KEP) aims to support the mobility of PhD and Masters degree students on short-term exchange visits between South African research institutions and research institutions from the rest of Africa. Under the ALC KEP, researchers and students will be offered financial support to visit a collaborator's laboratory to share or to gain knowledge, capabilities and know-how that will support the development of new capabilities and competencies at research groups across Africa.

The KEP will specifically focus on African students at Masters or PhD level to visit a collaborator's laboratory to gain experience or to have access to specialised equipment, with the ultimate objective to grow his or her home research group. The ALC KEP therefore specifically will focus *on knowledge and technology transfer support between South African and African research groups.*

THE ALC KEP is NOT a program to support research collaboration between parties, for this applicants should consider the ALC Research Collaboration Program. Applications that are of a general research collaboration nature will not be supported.

The CSIR National Laser Centre is managing the ALC Program funding allocation from the Department of Science and Innovation in support of the objectives of the Africa Laser Centre.

The CSIR hereby invites applications from researchers in South Africa and across Africa with active collaborations in the field of Photonics to apply for financial support for exchange visits for their students in the 2022 academic year.

Eligibility criteria

- Any researcher from a research institution in South Africa or in the rest of Africa with a PhD and an established track record can apply for support under the program. In the initial phase, the program is focused on PhD and Masters candidates for a visiting grant to a host institution for a period of 3 to a maximum of 6 months.
- The application should be completed and signed by the applicant researcher and the host researcher.
- One of the institutions applying must to be a South African based higher education institution or a South African science council.
- The student nominated as the exchange student needs to be a registered student at the applicant researcher's institution.
- The student nominated for the exchange should have a sound academic record. **A certified copy of the student's full tertiary academic record is required.** Not submitting this will disqualify an application.
- A strong motivation is required by the applicant on the purpose of the Knowledge Exchange, as well as on the abilities of the student nominated. The motivation also needs to cover financial co-investment, as well as in-kind investment that the applicant's institution will make to support the project.
- A letter of invitation and support for the application from the host institution is compulsory. Co-investment, either financial and/or in-kind, from the host institution needs to be highlighted.
- **Applications without institutional co-funding will not be considered.**
- **Applications which are general in nature, and which focus more on research collaboration will not be supported.** The applications needs to focus on a specific nominated student. The nature of the knowledge transfer needs to be clearly articulated and substantiated as opposed to just a research collaboration between two groups.

What is funded:

- The grant will be limited to a maximum of R 50 000.
- It can cover one return airplane ticket, accommodation support and/or a subsistence for the period of the grant.
 - Accommodation support is limited to R 6 000 per month.
 - S&T support is limited to R 250 per day.
- Consumables to support experimental work up to the value of R 10 000.

Proposals will be disqualified if:

- The applicant's research institution does not contribute financially to the project. There should be a clear indication of the applicant's research institution's financial contribution to the program. No allocation will be made if the application requests all the funding support for travel, accommodation and S&T. It is expected that each the applicants' research institution will cover at least one of these expense categories from its own funds.
- The proposal describes a general research collaboration between the two institutions, without providing a very detailed program of knowledge transfer for a specific nominated student.

Expected outputs and outcomes of the program:

- Outputs:
 - An Exchange visit report, to be submitted within 6 months after the end of the visit.
 - One joint publication from the work conducted.
 - A tutorial lecture on knowledge and experience gained to be presented by the visiting student at his or her home institution after the return from the Knowledge Exchange visit.
- Outcomes
 - An ALC research collaboration project in the future.
 - Wider or improved set of capabilities available at the applicants' institution.
 - Establishment of a closer collaboration network between researchers on the African continent.

Support for all ALC activities is subject to availability of funding.

Call launch date: 15 September 2021

Closing date for applications: 29 October 2021

KEP application forms and templates for final reports are available from the CSIR National Laser Centre

Tel: 012 841 3511

e-mail: NLCRentalPool@csir.co.za and to tiduplooy@csir.co.za



african laser centre

**CSIR NATIONAL LASER CENTRE / DSI
ALC KNOWLEDGE EXCHANGE PROGRAM
APPLICATION**

2022 APPLICATION FORM

How to complete this template:

1. Complete all sections as comprehensively as possible
2. Do not change any of the formatting of the tables in this template.
3. If necessary, tables and figures can be inserted in the text blocks
4. Final proposals needs to be signed and scanned as pdf documents.
5. The CSIR require a Microsoft Word version as well as a scanned pdf version of the proposal.

Please submit documents as per point 5 above by return email to nlcrentalpool@csir.co.za and to tiduplooy@csir.co.za by 29 October 2021

PROPOSAL TITLE:

Period of Support:	
Date of this Application	

APPLICANT RESEARCHER DETAILS: Please include a CV in Appendix G-2.					
Title		Initials		Surname	
First Name				Gender	
Department				I.D./Passport Number	
Institution				Home Country	
Address				Telephone	
Postal Code				Fax	
Field of Research				e-mail	

HOST RESEACHER DETAILS: Please include a CV in Appendix G-2.					
Title		Initials		Surname	
First Name				Gender	
Department				I.D./Passport Number	
Institution				Citizenship	
Address				Telephone	
Postal Code				Fax	
Field of Research				e-mail	

NOMINATED STUDENT DETAILS: Please include a CV in Appendix G-2.					
Title		Initials		Surname	
First Name				Gender	
Department				I.D./Passport Number	

Institution		Citizenship	
Address		Telephone	
Postal Code		Fax	
Field of Research		e-mail	
Highest Qualification			
Confirm student registration status			

Student Full Tertiary Academic Record		
Name of the University/Institute	Degree Awarded (Subjects studied)	Year

*- Please forward a certified copy of your academic record with your application.
Applications without full academic record will be disqualified

A. INFORMATION FROM APPLICANT'S HOME RESEARCH GROUP

THE APPLICANT RESEARCH GROUP:
Description of the applicant's research focus and list major research infrastructure and equipment available at your institution to support this research focus

List 5 of your highest impact and/or most recent publications:

OTHER OUTPUTS
(Patents (Names, Creator, Patent title, Patent number, and year of filing), technology transfer, popular articles, technical highlights etc):

B. INFORMATION FROM HOST'S RESEACH GROUP

THE HOST RESEARCH GROUP:
Description of the host's research focus and list major research infrastructure and equipment available at your institution to support this research focus

List 5 of your highest impact and most recent publications:

Other Outputs: (Patents (Names, Creator, Patent title, Patent number, and year of filing), technology transfer, popular articles, technical highlights etc):

C. Project Details

ABSTRACT: Briefly summarise the proposed Knowledge Exchange project and proposed training.

OBJECTIVES: List the main objectives of the project and training.

PROJECT OVERVIEW:

Give a detailed overview of the structure of the Knowledge Exchange project, including technical and training aspects. Please list test and evaluation milestones that will be incorporated in this project. List planned experimental set-ups and equipment available to support this project. Please include diagrams where appropriate.

MOTIVATION FOR SUPPORT:

Motivate why the nominated student is the best suited for this Knowledge Exchange Project, why the visit is necessary, and why the host is the ideal laboratory for the training.

D. Expected Impact, Benefits and Outputs

BENEFICIARIES and IMPACT:

Describe how this project will benefit and impact both groups involved in this project. Specifically expand on what new skills and competencies will be available at the applicant's research group at the completion of the project.

SCIENTIFIC OUTPUTS:

List all expected scientific outputs from this project and indicate any expected scientific impact

E. FINANCIAL DETAIL – PROVIDE DETAILED BUDGET

Support from the ALC can only be considered if complete details on the project funding sources are made available. The financial contribution from the Applicant's Institution should be provided in detail. **The maximum ALC GRANT allocation will be R 50 000.**

Total budget

	Total
Requested from ALC	
Requested from other sources (specify source)	
Direct financial contribution from the applicant's institution	
Total Project Budget	

Budget breakdown

Item	Name of participant (researcher / student)	Date and number of days*	Amount	Requested from ALC	Contribution for the APPLICANT's HOME Institution	Contribution Other sources
S&T** (As per the guideline)						
Accommodation Maximum R6000p/m						
Mobility						
Consumables						

(max R10k) ***						
Total****						

* KEP visits should be a minimum of 3 months, and a maximum of 6 months.

** S&T is limited to R 250 per day

*** It is recommended that quotations are submitted with the application to support the budget requested.

**** It is a requirement that the APPLICANT's institution covers at least one of the three items associated with the mobility of the student fully

F. Approvals

F-1 APPLICANTS

I declare that the information supplied is correct and complete

Applicant Name	Applicant Signature	Date

Nominated Student Name	Student Signature	Date

APPROVAL BY DESIGNATED AUTHORITY/RESEARCH ADMINISTRATION or Equivalent Executive at the APPLICANT'S INSTITUTION

Title	Initials	Telephone	
Surname		Fax	
Department		Mobile	
Institution		e-mail	
Designated Authority Signature			Date

F-2 HOST

I declare that the information supplied is correct and complete

Host Name	Host Signature	Date

APPROVAL BY DESIGNATED AUTHORITY/RESEARCH ADMINISTRATION or Equivalent Executive at the HOST INSTITUTION

Title	Initials	Telephone	
Surname		Fax	
Department		Mobile	
Institution		e-mail	
Designated Authority Signature			Date

G. Appendices

G-1. CV of APPLICANT

Please note that no applications will be considered unless CVs of the Investigators are attached.

G-2. CV of NOMINATED STUDENT

Please note the CV needs to include a full academic transcript for the student

G-3. CV of HOST

Please note that no applications will be considered unless CVs of the Investigators are attached.

Please scan as a pdf and to submit by return email to nlcrentalpool@csir.co.za and to tiduplooy@csir.co.za