

Paper Submission Form - SAIP2025 Proceedings

Sections A, C, D, and E must be completed by all authors (including students) who submit papers. Section B is compulsory for students who submit manuscript(s).

Section A: Paper Submission Information

Paper/Abstract ID	93
Paper title	Linear polarization measurements on gamma rays from non-oriented nuclear states
Corresponding Author Name & Surname:	Beatrice Similindi
Corresponding Author Email Address:	beatricesimilindi5@gmail.com

Section B: For Students & Supervisors

Supervisor Name & Surname:	Dr Siyabonga N.T. Majola
Supervisor Email Address:	smajola@uj.ac.za

For this paper, the supervisor must agree/disagree with the following statements.

	Yes	No
1. I am aware that the above-mentioned paper is being submitted for possible publication in the Proceedings of the SAIP Conference. I am satisfied that the presented work is that of the listed authors. I hereby give consent to the submission	Yes	
2. I have proof-read the manuscript	Yes	
3. I am satisfied that the manuscript is written in appropriate English and is sufficiently free of grammatical and spelling errors	Yes	
4. I am familiar with the required manuscript format ("House Style"), and I am satisfied that this manuscript meets the criteria. I am aware that manuscripts not conforming with House Style may be desk rejected	Yes	
5. I am satisfied that the scientific content of this manuscript is of sufficient standard for it to be considered for publication in the Proceedings of the South African Institute of Physics Conference Proceedings	Yes	

Student Name & Surname: Beatrice Similindi...

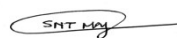
Signature:



Date:31/07/2025.....

Supervisor Name & Surname: Siyabonga N. T. Majola

Signature:



Date: ...31/07/2025

Section C: Suggested Reviewers

Obtaining the two referee reports necessary for DHET subsidy is an onerous task.

Please provide the names and contact details of three qualified South African and/or international referees. Referees should have a PhD and expertise in the relevant area of Physics. Do not recommend referees who have co-authored a work with any of the authors on the manuscript within the past five (5) years. Manuscripts without three recommended referees may be subject to desk rejection.

Suggested Reviewers in your Research Field (Both local & international)		
	Reviewer Names & Surname	Reviewer's Email Address(es)
Suggested reviewer #1	Dr Obed Shirinda	obedshirinda@gmail.com
Suggested reviewer #2	Prof Nico Orce:	jnorce@uwc.ac.za
Suggested reviewer #3	Dr Abel Sithole	sitholemakuhaneabel@gmail.com

Section D: Declaration of Novelty and Use of AI

How is this submitted manuscript scientifically novel?

This manuscript presents the methods to measure the linear polarization of gamma rays emitted from non-oriented nuclear states using the clover detectors of the iThemba LABS AFRODITE array. Unlike previous studies that focused on oriented nuclear states, our method is being done for the first time at iThemba LABS. The developed technique has and data been proven to work and also the methodology and interpretation are original and relevant to future gamma spectroscopic studies especially in beta decays.

Please see the Author Guidelines for the AI use policy.

How was AI used in the generation of this manuscript?

The use of AI was mainly to understand certain concepts that the author was unclear.

Section E: Plagiarism

	Yes
I am aware that plagiarism detection software may be used on my manuscript.	Yes