

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	494
Paper title	Testing f(Q) gravity as a solution for the H0 and S8 tensions
Corresponding Author Name & Surname:	Dumiso Mithi
Corresponding Author Email Address:	28145410@mynwu.ac.za

Section B: For Students & Supervisors

Supervisor Name & Surname:	Amare Abebe
Supervisor Email Address:	Amare.Abebe@nith.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	✓	
2. I have proof-read the manuscript	✓	
3. I am satisfied that the manuscript is written in appropriate English and is sufficiently free of grammatical and spelling errors	✓	
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	✓	
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	✓	

Student Name & Surname: Dumiso Mithi

Signature: 

Date: 31. July. 2025

Supervisor Name & Surname: Amare Abebe

Signature: 

Date: 01/08/2025

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	Alnadhief Alfe-deel	anadief@gmail.com
Suggested reviewer #2	Aroon Beesham	abeesham@yahoo.com
Suggested reviewer #3	Bishop Mongwane	astrobish@gmail.com

Section D: Declaration of Novelty and Use of AI

How is this submitted manuscript scientifically novel?

This manuscript was able to mitigate the known degeneracy between BAO and Pantheon+ SH0ES within flat standard cosmology model.

Furthermore, this manuscript presents a new observational evaluation of the proposed $f(Q)$ -gravity model.

Also this manuscript was able to show that for this model in hand its derivative with respect to Q degeneracy emerges.

Please see the Author Guidelines for the AI use policy.

How was AI used in the generation of this manuscript?

Improvement of grammar, formality and flow

To adjust the table to fit inside the required latex margins

To fix some latex errors

Section E: Plagiarism

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