

# 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	211
Paper title	ZnMn <sub>2</sub> O <sub>4</sub> -Based Anode Materials for Advanced Supercapacitor Batteries: A Study on the Impact of Co, Ni, and Cu partially substitution on Electrochemical Performance
Corresponding Author Name & Surname:	Dr: MLA Letswalo and Prof: B Sondezi
Corresponding Author Email Address:	letswalom@uj.ac.za

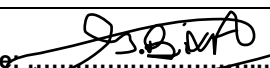
## Section B: For Students & Supervisors

Supervisor Name & Surname:	Dr: MLA Letswalo and Prof: B Sondezi
Supervisor Email Address:	letswalom@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	X	
2. I have proof-read the manuscript	X	
3. I am satisfied that the manuscript is written in appropriate English and is sufficiently free of grammatical and spelling errors	X	
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	X	
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	X	

Student Name & Surname: Samkelo Bixa

Signature: 

Date: 31/07/2025

Supervisor Name & Surname: Dr MLA Letswalo

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	Prof TE Mosuang	thuto.mosuang@ul.ac.za
Suggested reviewer #2	Prof MA Kebede	mesfiak@unisa.ac.za
Suggested reviewer #3	Prof NM Manyala	ncholo.manyala@up.ac.za

## Section D: Declaration of Novelty and Use of AI

### How is this submitted manuscript scientifically novel?

Synthesis method plays a vital role in the material science,using combustion method is one of key novelty.This approach resulted in specific capacitance values higher than those reported in literature. Furthermore, the research bridges the performance gap between batteries and supercapacitors creating battery type electrode with great specfic capacitance, good rate capability and improved cycling stability by doping metal oxide material.

Please see the Author Guidelines for the AI use policy.

### How was AI used in the generation of this manuscript?

It was used to check grammer and spelling

## Section E: Plagiarism

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