

Elmar Lasa: Curriculum Vitæ

Graduate student at Clemson University
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My profile

Full name: Elmar Constant Lasa;
Age: 25;
Citizenship: Madagascar;
Languages: malagasy (mother tongue), english (fluent), french (fluent).

Education

Currently second-year PhD student in mathematics at Clemson University.

2023: graduated from Stellenbosch University through the African Institute for Mathematical Sciences, AIMS South Africa (major: mathematics);

2020: BSc. in Mathematics from Faculty of Sciences, Université d' Antananarivo, Madagascar;

2016: Baccalauréat d'enseignement secondaire, série C.

Projects: past and current

Currently, I am working on a PhD program with professor Martin Schmoll.

The following are (informal) talks I gave and in-class presentations(can be found here):

- On harmonic p -forms and de Rham cohomology (Clemson, spring 2024)
- On the Realizability of neural codes, with Professor Mathew Macauley (AIMS South Africa, 2023)

Master's essay: "Poincaré conjecture across dimensions" is the title of the essay that I defended at AIMS South Africa in the academic year 2022 – 2023 (cf. here).

In 2021, I did a mini-project on cellular automaton with Dr.Rabarison Patrick, a professor at Mathematics department, Université d' Antananarivo.

Conferences & Social activities

September 2021: Attended the CIMPA School titled “ On Non-associative algebras”, at mathematics department, Antananarivo.

My research interests range from analysis, geometry and foundations of mathematics that are stamped with constructivist point of view.