

EDUCATION

MSc in Mathematics

Faculty of Sciences of the University of Porto (FCUP)

Final grade: 18/20

Thesis: *Definable Semigroups in O-minimal Structures*

Supervisors: Dr. Mário Edmundo (FCUL) and Dr. Jorge Almeida (FCUP)

Additional activity: Director, Educational Department of the Mathematics Students' Association.

Sept 2023 – Jun 2025

BSc in Mathematics

Faculty of Sciences of the University of Porto (FCUP)

Final grade: 17/20

Sept 2020 – Jun 2023

ACADEMIC POSITIONS AND AFFILIATIONS

Associate Member

Centro de Matemática da Universidade do Porto (CMUP)

May 2026 – Present

Adjunct Assistant Professor

Faculty of Sciences of the University of Porto (FCUP)

Courses taught: Linear Algebra, Abstract Algebra and Real Analysis II.

Sept 2025 – Present

PUBLICATIONS AND PREPRINTS

Rewriting Systems on Arbitrary Monoids

Jan 2026

On Definably Compact Semigroups in o-Minimal Structures

Jul 2025

TALKS AND PRESENTATIONS

Accepted Speaker, TACL 2026

“Rewriting Systems on Arbitrary Monoids”

Jul 2026

Speaker, Mathematical Logic Seminar

CEMS.UL – Centre of Mathematical Studies, Faculty of Sciences of the University of Lisbon

“Definable Semigroups in O-minimal Structures”

May 2025

Presenter, 18th Young Research Meeting of the University of Porto (IJUP)

“Semigroups Definable in O-minimal Structures”

May 2025

TEACHING AND OUTREACH

Organizer and Lecturer, Mini-course on Category Theory

Mathematics Students' Association, Faculty of Sciences of the University of Porto

Mar 2026 – Jun 2026

Organizer and Lecturer, Mini-course on Mathematical Logic and Applications

Mathematics Students' Association, Faculty of Sciences of the University of Porto

May 2025 – Jun 2025

AWARDS

Best Oral Communication Award, 18th Young Research Meeting of the University of Porto (IJUP), for the presentation “Semigroups Definable in O-minimal Structures”.