Flavio Rossetti

Personal Data

First Name	Flavio	Citizenship	Italian
Last Name	Rossetti	City, State	Lisbon, Portugal
Place of Birth	Velletri (Rome), Italy	✉ E-mail	flavio.rossetti@tecnico.ulisboa.pt
Date of Birth	July 17, 1997	ORCID	0000-0001-5500-2458

Education

Sep 2021 - Present **PhD in Mathematics**, Instituto Superior Técnico, Portugal
Supervisors: *Prof. José Natário*, *Prof. João Costa*
Subfield: *Mathematical Relativity*

Oct 2019 - Jun 2021 **Master's Degree in Theoretical and Mathematical Physics (120 ECTS)**,
Ludwig Maximilian University and Technical University of Munich, Germany

Thesis: *"The Wave Equation in Cosmological Spacetimes"*
First advisor: *Prof. José Natário (Instituto Superior Técnico, Portugal)*
Second advisor: *Prof. Ivo Sachs (LMU Munich)*
Final grade: *1.4 (Passed with distinction - ECTS grade A)*

Oct 2016 - Jul 2019 **Bachelor's Degree in Mathematics (180 ECTS)**, Sapienza University of Rome, Italy
Thesis: *"Modello di Ising: transizioni di fase"* (Ising Model: Phase Transitions)
Advisors: *Prof. Emanuele Caglioti*, *Prof. Dario Benedetto*
Final grade: *110/110 with honours*

Research Papers

1. Explicit formulas and decay rates for the solution of the wave equation in cosmological spacetimes, *(joint with José Natário)*, *arXiv:2112.00771*.

Languages and Skills

Italian	Mother Tongue
English	Fluent
Portuguese	Basic
German	Basic

Computer Skills	C/C++, Python, Mathematica, LaTeX, Bash. Basics of web development.

Scholarships and Honours

- Kovalevskaya and CAMGSD grants to attend ICM 2022 [Canceled/changed into an online event]
  International Mathematical Union, *LOC ICM 2022 & CAMGSD*
- PhD Studentship awarded by FCT (Portuguese Foundation for Science and Technology)   *2021-2024*
  FCT & CAMGSD, *Instituto Superior Técnico*, *Lisbon*
- "Honours Programme" for students having strong academic records   *2018-2019*
  Mathematics Department, *Sapienza University*, *Rome*
- Student-collaboration scholarship as laboratory assistant   *2018*
  Mathematics Department, *Sapienza University*, *Rome*
- Full tuition scholarship for the entire duration of the bachelor's degree   *2016-2019*
  Mathematics Department, *Sapienza University*, *Rome*