

CURRICULUM VITAE

Personal Details

Full Name: Alberto Cassar

Date of Birth: 10.09.1996

Nationalities: Maltese and Italian

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Education

October 2019 - Present

Ph.D. in Mathematics

University of Warwick

Research Topic: A Large Deviation Analysis of Pinning and Wetting phenomena

Supervisor: Dr. Stefan Adams

September 2018 - September 2019

MSc. in Mathematics

University of Warwick

The programme included both a taught component - 6 lecture modules assessed via examinations as well as a research component - written dissertation, entitled *Large Deviations for Pinning and Wetting Random Fields with Laplacian Interaction* under the supervision of Dr. Stefan Adams.

Degree Classification: Master of Science in Mathematics with Distinction

September 2014 - July 2018

BSc. (Honours) in Mathematics and Statistics and Operations Research

University of Malta

Degree Classification: Bachelor of Science (Honours) with First Class Honours.

Research Interests

My research interests range over the areas of Mathematical Analysis and Probability Theory. In particular, I have been studying and reading about Large Deviation Theory and Random Fields over the past few years.

Seminars Attended

April 2022

Probability, Analysis and Dynamics 2022

October 2018 - Present
Warwick Postgraduate Seminars

October 2018 - Present
Warwick Probability Seminars

April 2020 - Present
One World Probability Seminars

Talks Given

May 2021
An overview of pinning and wetting phenomena within a probabilistic framework.
University of Warwick, Postgraduate Seminars

Academic Experience

October 2021 - May 2022
Supervisions
Terms 1-3: One group of first year students.

October 2021 - December 2021
Support Classes
Teaching Assistant for MA244 Analysis III

October 2020 - May 2021
Supervisions
Term 1: Four groups of first year students.
Terms 2-3: Two groups of first year students.

January 2021 - March 2021
Support Classes
Teaching Assistant for MA254 Theory of ODEs

October 2020 - December 2020
Support Classes
Teaching Assistant for MA244 Analysis III

June 2020
Exam Script Marking
MA254 Theory of ODEs

Awards

Dean's List Award for outstanding performance granted to the top 3 students of the Faculty of Science during academic years

- 2015 - 2016
- 2016 - 2017
- 2017 - 2018

Funding

September 2019 - September 2023

Warwick Maths Institute Departmental Award