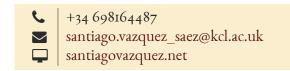
## Santiago Vázquez Sáez



### **EDUCATION**

2022-2026 PhD

London School of Geometry and Number Theory (LSGNT) SUPERVISOR: DR ALED WALKER

2018-2022 Master of Mathematics (MMath)

University of Oxford

PARTS A&B: FIRST CLASS, RANK: 8

PART C: DISTINCTION

2016 PROMYS Europe

Six week summer programme in number theory. Hosted at the University of Oxford.

2013-2016 **ESTALMAT** 

Programme with lectures during the weekends for talented students.

### **AWARDS**

2022 Lord Crewe Scholarship (£700)

Lincoln College, University of Oxford Awarded for outstanding academic work.

2020, 2021 Stewart Exhibition (£150 each)

Lincoln College, University of Oxford Awarded for academic achievements.

2018 Bronze Medal

International Mathematical Olympiad

2018 Gold Medal

Spanish Mathematical Olympiad

2016-2018 **Gold Medal** 

Galician Mathematical Olympiad

# RESEARCH AND EXPLORATORY PROJECTS

2023

LSGNT first year dissertation, supervised by Dr Aled Walker The equidistribution of nilsequences and the Gower's  $U^4$ -norm

2023

LSGNT first year dissertation, supervised by Dr Ian Petrow *A quadratic large sieve inequality* 

2022

Masters dissertation, supervised by Prof Ben Green Sums of a square, a cube and a fourth power

2.02.0

Summer research project, supervised by Dr Joni Teräväinen *The elementary proof of the Prime Number Theorem* 

### COMPUTER SKILLS

I have taken courses on **MATLAB** and **Python**. I am also familiar with **Bash** and **Julia**.

### LANGUAGES

English (fluent), Spanish (native), Galician (native).

### OTHER INTERESTS

I am a passionate **problem-solver**. I am also interested in **electronic music**, **Linux**, **bouldering** and **card games**. My latest goal is to achieve perfect play in **Connect-4**.