

RESUME OF SEBASTIAN WOODWARD (2025)

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Mathematical Institute, University of Oxford

Education:

- 1) 2019 – 2023: Achieved a First Class Integrated MMath with Honours at the University of Warwick with a Master's Supervisor of Professor Peter Topping
- 2) 2023 -: Studying for a DPhil in Mathematics at the University of Oxford under the supervision of Professor Melanie Rupflin

Teaching Experience at the University of Warwick

- 1) September 2022 – July 2023: Graduate Teaching Assistant / Supervisor with the responsibility of marking the assignments for 10 First Year Students and then going through the problems with them in smaller groups.
- 2) September 2022 – July 2023: Maths Society Academic Support, which entailed both running a two-hour weekly drop-in session to help students with any parts of the courses they were struggling with, as well as organising some revision sessions for first- and second-year courses.

Collegiate Teaching Experience at the University of Oxford

- 1) Out of College Tutor for Magdalen College covering Prelims, Linear Algebra 2, and Revision Sessions: Hilary Term and Trinity Term Academic Year 2024-2025
- 2) Out of College Tutor for St Edmund's Hall covering Prelims Differential Equations for a visiting student: Michaelmas Term Academic Year 2023 - 24
- 3) Out of College Tutor for St Edmund's Hall covering M5: Fourier Series and PDEs for a visiting student: Hilary Term Academic Year 2023-2024

Departmental Teaching Experience at the University of Oxford

- 1) Tutor for C4.3 Functional Analytic Methods for PDEs: Michaelmas Term Academic Year 2024-2025
- 2) Tutor for B4.3 Distribution Theory: Hilary Term Academic Year 2024-2025
- 3) Teaching Assistant for two classes of B3.2 Geometry of Surfaces: Michaelmas Term Academic Year 2023-2024
- 4) Teaching Assistant for one class of B4.2 Functional Analysis II – Hilary Term Academic Year 2023-2024

Academic Talks:

- 1) Short talk at Spectral Theory workshop in Reading August 2025
- 2) Geometry, Analysis and Numerical Gravity Seminar talk at Queen Mary University September 2025
- 3) Gave a lightning talk at British Isles Graduate Workshop VI
- 4) Junior Geometry Seminar Oxford – October 2025
- 5) Junior PDE Seminar Oxford – November 2025
- 6) Junior Analysis and Probability Seminar Warwick – December 2025

Research:

