

DAVID BICK

Trinity College Cambridge, CB2 1TQ

djtb2@cam.ac.uk

+44 7895 327277

Student ID: djtb2

EDUCATION

University of Cambridge, Trinity College

- PhD Mathematics (expected Sep 2025) *Sep 21 - ongoing*
supervisor: Mihalis Dafermos
- MMath Mathematics (Distinction) *Sep 20 - Jul 21*
selected courses: *General Relativity, Partial Differential Equations*
thesis: *The Existence of Naked Singularities and their Instability*
- BA Mathematics (1st Class Honours) *Sep 17 - Jun 20*

The London Oratory School, Fulham

- A Levels; 4 A*s *Jun 17*
Mathematics (A), Physics (A*), Further Mathematics (A*), English Literature (A*)*

SELECTED ROLES: TEACHING, VOLUNTEERING AND EMPLOYMENT

Organiser, Part III Seminar Series

Jan 23 - Dec 23

- Administrated two informal lecture series for Master's students, liaising with more than 50 speakers and chairs.

Supervisor, Cambridge Mathematical Tripos

Sep 21 - present

- Delivered small-group tutorials to undergraduates in Trinity College and Clare College, discussing lecture material and problem sets, and coaching for examinations.
courses taught: *II Linear Analysis, IB Linear Algebra*

Private Mathematics Tutor

Sep 19 - present

- Developed and delivered personalised tuition for local students, across all ages. Mentored students applying for top-tier universities, particularly with the Oxford MAT and Cambridge CTMUA entrance examinations.

Publicity Officer, Cambridge Homeless Outreach Programme

Sep 20 - Jun 21

- Ran the charity's website and helped to publicise information campaigns and fundraisers.

Layclerk, Choir of King's College, Cambridge

Sep 22 - Aug 23

- Participated in the choir's rigorous daily schedule, singing in daily chapel services and for international radio and television broadcasts.

AWARDS & ACHIEVEMENTS

Senior Scholarship	Trinity College, Cambridge	<i>Aug 21</i>
Examination Prize	Trinity College, Cambridge	<i>Jul 21</i>
Further Mathematics Prize	The London Oratory School	<i>Jul 17</i>
British Mathematical Olympiad	Final Round (Distinction, Top 40 in UK)	<i>Jan 17</i>
UKMT Senior Mentoring Scheme		<i>Sep 16 - Jun 17</i>

INVITED TALKS

Joint Cambridge-Princeton Junior General Relativity Seminar	<i>3 Feb 23</i>
Princeton Graduate Student Seminar	<i>17 Mar 22</i>
Cambridge Part III Seminar Series	<i>18 Mar 21</i>

ADDITIONAL SKILLS AND INFORMATION

Technical Skills	MATLAB, C++, L ^A T _E X
Language Skills	French (intermediate)
Full UK Driver's Licence	
Dual UK/USA Citizenship	