DAVID HUBBARD

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EDUCATION

University of Oxford **Trinity College**
MMath, Mathematics *2016 - 2020*
University of Warwick **CDT in Mathematics**
PhD, Mathematics *2021 - 2025*[*]
- Advisors: Christian Böhning and Gavin Brown

WRITINGS

Preprints
- Hubbard, D., "*Roots of unity and projective equivalence*" (2024)
  https://arxiv.org/abs/2410.17412
- Böhning, C., Hubbard, D., Graf von Bothmer, H-C., "*Explicit bounds on common projective torsion points of elliptic curves*" (2024)
  https://arxiv.org/abs/2412.20174

SELECTED TALKS

2023-24
- "*Torsion points on curves in the torus*", Warwick Mathematics Postgraduate Seminar (November 2023)

2024-25
- "*Unlikely intersections in arithmetic geometry*", Tale of Geometries, Université libre de Bruxelles (October 2024)
- "*Quasi-Frobenius Splittings and Calabi-Yau Varieties in Positive Characteristic*", SRI Bootcamp, Fort Collins CO, (July 2025)

TEACHING

2021-22
- Undergraduate supervisor

2022-23
- Teaching assistant for Lie Groups
- Teaching assistant for Algebraic Curves

2023-24
- Teaching assistant for Hyperbolic Geometry
- Teaching assistant for Lie Groups

2024-25
- Teaching assistant for Differential Geometry

SEMINARS AND READING GROUPS

Reading Groups
- Descent reading group with Daniel Marlowe and Dhruva Divate
  https://warwick.ac.uk/fac/sci/maths/people/staff/divate/descent/
- Abelian varieties reading group
  https://warwick.ac.uk/fac/sci/maths/people/staff/hubbard/abelianvarsreadinggroup

Seminars
- Junior Algebraic Geomerty Seminar (JAWS) with Marc Truter
  https://warwick.ac.uk/fac/sci/maths/research/events/seminars/areas/jaws/

SELECTED CONFERENCES

- Mirrors, Moduli and M-theory in the Midlands, LMS regional meeting & workshop, University of Birmingham (April 2022)
- Curves over Finite Fields and Arithmetic of K3 Surfaces, a conference on the occasion of Jaap Top's 62nd Birthday, Bernoulli Institute, Rijksuniversiteit Groningen (August 2022)
- Géométrie Algébrique en Liberté, GAeL XXX, University of Warwick (July 2023)
- Singularités, CIRM, Luminy (September 2023)
- Géométrie Algébrique en Liberté, GAeL XXXI, Politecnico di Torino and Università di Torino (June 2024)
- Transcendental Aspects of Algebraic Geometry, Cetraro (July 2024)
- Singularities in Paris, Université Paris Cité (September 2024)
- Tale of Geometries, Université libre de Bruxelles (October 2024)
- Families of Hyperkähler Varieties, CIRM (April 2025)
- Summer Research Institute in Algebraic Geometry, Fort Collins CO (July 2025)

PROGRAMMING LANGUAGES

Python, Git, HTML, Magma, SageMath