

Darragh Glynn

RESEARCH INTERESTS

Algebraic geometry, complex dynamics and topology – in particular, Hurwitz spaces, tropical geometry and Thurston map theory.

MATHEMATICS EDUCATION

- 2022–now **PhD in Mathematics**
University of Warwick, UK
Boundary stratifications of Hurwitz spaces, supervised by Rohini Ramadas
- 2021–2022 **MASt in Mathematics**
University of Cambridge, UK
- 2017–2021 **BA in Mathematics**
Trinity College Dublin, Ireland
1st Class Hons, Gold Medal recipient
2019-20 Year Abroad at University of California, Los Angeles, USA

RESEARCH PAPERS

- 2025 *Boundary stratifications of Hurwitz spaces*, submitted: arxiv.org/abs/2503.05688

INVITED TALKS

- Nov 2025 Geometry Seminar, University of St Andrews
- Nov 2025 Combinatorial Algebraic Geometry Seminar, Queen Mary University of London
- Jul 2025 Early-Career Complex Dynamics Workshop, Indiana University Bloomington
- Feb 2025 Junior Geometry Seminar, Imperial College London
- Jan 2025 Dynamical Systems Seminar, the Open University
- Dec 2024 Dynamical Systems Seminar, University of Liverpool
- Jun 2024 Junior Geometry Seminar, University of Cambridge

CONTRIBUTED TALKS

- Aug 2025 Transcendental Thurston Theory Workshop, University of Manchester
- Jun 2025 Géométrie Algébrique en Liberté XXXII, Institut de Mathématiques de Toulouse
- Jun 2025 Topics in Complex Dynamics, Universitat de Barcelona
- May 2025 Warwick-Glasgow Conference, University of Warwick
- Nov 2024 Postgraduate Seminar, University of Warwick
- Jun 2023 Topics in Complex Dynamics, Universitat de Barcelona

POSTER PRESENTATIONS

- Jul 2025 Summer Research Institute in Algebraic Geometry, Colorado State University
- Jul 2024 London Mathematical Society Lecture Series, Imperial College London
- Jun 2024 Géométrie Algébrique en Liberté XXXI, Turin
- May 2024 Parameter spaces in complex dynamics, CRM Pisa

TEACHING

- 2023–2025 **University of Warwick, Senior Graduate Teaching Assistant**
Warwick Award for Teaching Excellence nomination
Tutor for three groups of first-year mathematics undergraduates in core modules

RESEARCH SUPERVISION

- 2024 **University of Warwick, Summer Research for Undergraduates from Underrepresented Groups**
Teaching Assistant for project on Hubbard trees and entropy

GRANTS AND AWARDS

- 2025 LMS Travel Grant for Early Career Researchers
- 2024 Warwick Award for Teaching Excellence, nominee
- 2021 Trinity College Dublin, Gold Medal in Mathematics
- 2019 Trinity College Dublin, Rowe Prize in Mathematics
- 2019 Trinity College Dublin, Michael Roberts Prize in Mathematics
- 2019 All-Ireland Mathematics Intervarsities, 1st place team, 3rd place individual
- 2018 Trinity College Dublin, Arthur Lyster Prize in Mathematics
- 2018 All-Ireland Mathematics Intervarsities, 1st place team, 2nd place individual
- 2017 International Mathematical Olympiad, Brazil, Honourable Mention

SERVICE AND MENTORING

- 2023-now **University of Warwick, DAGGER Seminar**
Organiser for early-career research seminar
- 2023-now **University of Warwick, Mathematics PhD Buddy Scheme**
Peer mentor for incoming PhD students during their first year
- 2023 **University of Cambridge, Research in the UK Event**
Warwick representative, engaging with prospective PhD students about research opportunities
- 2017–2021 **Just Maths Tutorial Centre, Dublin**
Tutor for final-year secondary school students in mathematics, both one-to-one and group-based
- 2020–2021 **Trinity College Dublin, Mathematics Society**
Quizmaster, responsible for training Trinity College Dublin Mathematics Intervarsity team
- 2019 **Centre for Talented Youth Ireland**
Residential Assistant to academically gifted secondary school students on summer programme

UNDERGRADUATE RESEARCH EXPERIENCE

- 2020 **UCLA Department of Mathematics, Pure REU**
Dynamics of the Thurston Pullback Map, supervised by Mario Bonk and Mikhail Hlushchanka
- 2020–21 **Trinity College Dublin School of Mathematics, Final Year Report**
Computations in Number Fields, supervised by Nicolas Mascot
- 2019 **Trinity College Dublin School of Mathematics, Summer Research Internship**
Quantum States and Partition Functions, supervised by Jan Manschot

SELECTED CONFERENCE ATTENDANCE

Jul 2025	Summer Research Institute in Algebraic Geometry, Colorado State University
Jul 2025	Early-Career Complex Dynamics Workshop, Indiana University Bloomington
Jun 2025	Perspectives of Hurwitz Theory, Trinity College Dublin
Jun 2025	Géométrie Algébrique en Liberté XXXII, Institut de Mathématiques de Toulouse
Jun 2025	JHH80 Dynamical Developments, Institut de Mathématiques de Toulouse
Jun 2025	Topics in Complex Dynamics, Universitat de Barcelona
Jan 2025	Arithmetic, Algebraic and Analytic Dynamics, CIRM, Marseille
Jun 2024	Géométrie Algébrique en Liberté XXXI, Turin
May 2024	Parameter spaces in complex dynamics, CRM Pisa
Mar 2024	Tropical Mathematics and its Applications, Durham University
Oct 2023	Workshop VectCo, Goethe University Frankfurt
Sept 2023	A Tropical Panorama, Trinity College Dublin
July 2023	Facets of Complex Dynamics, Institut de Mathématiques de Toulouse
Jun 2023	Topics in Complex Dynamics, Universitat de Barcelona
May 2023	Tropical Days, University of Bristol