Darragh Glynn

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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

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