

Kelly Wang

August 2026

email: qw267@cam.ac.uk

url: <https://kellywangq.github.io>

EDUCATION

PhD in Mathematics,

Sep 2024 -

University of Cambridge, Supervisor: Oscar Randal-Williams

Part III (Master of Mathematics),

Oct 2023 - June 2024

University of Cambridge

Distinction

BA in Mathematics,

Oct 2020 - June 2023

University of Cambridge

First class honours

FUNDING AND GRANTS

EPSRC PhD Studentship

Sep 2024 - Sep 2027

no. 2927111

PREPRINTS

1. K. Wang. *Periodic families in the homology of $\mathrm{GL}_n(\mathbb{F}_2)$* . [arXiv:2601.12431](https://arxiv.org/abs/2601.12431)

INVITED TALKS

Oberwolfach: Topologie

July 2026

Periodic families in the homology of $\mathrm{GL}_n(\mathbb{F}_2)$

Purdue Topology Seminar

April 2026

Periodic families in the homology of $\mathrm{GL}_n(\mathbb{F}_2)$

(online)

Manifolds, homotopy theory, and related topics

March 2026

Periodic families in the homology of $\mathrm{GL}_n(\mathbb{F}_2)$

(online)

CONTRIBUTED TALKS

European Talbot workshop: Algebraic Surgery

June 2026

The stable cohomology of symplectic groups

M_q Seminar

Feb 2026

Secondary homological stability for mapping class groups

(local)

Cambridge Junior Geometry Seminar

Feb 2025

Loop spaces and $\mathbb{E}_k$ algebras

CONFERENCES AND WORKSHOPS ATTENDED

Topologie <i>Oberwolfach</i>	<i>July 2026</i>
European Talbot workshop: Algebraic Surgery <i>Kolding</i>	<i>June 2026</i>
Polylogarithms, homology of linear groups, and Steinberg modules <i>SwissMAP Research Station</i>	<i>June 2025</i>

TEACHING

Part III Algebraic Topology <i>Marking mock exams</i>	<i>April 2026</i>
Part III Category Theory <i>Mock + feedback supervision</i>	<i>Feb 2026</i>
Part III Algebraic Topology <i>Supervision</i>	<i>May 2025</i>
Part III Algebraic Topology <i>Supervision</i>	<i>Nov 2024</i>