Email: jackie.voros@bristol.ac.uk
Website: https://people.maths.bris.ac.uk/~jv17445/

University of Bristol
School of Mathematics
Fry Building
Woodland Road
Bristol, BS8 1UG

Jackie Voros
PhD student in Analytic Number Theory

Education

2021-Present	• PhD in Mathematics, University of Bristol. Supervised by Jonathan Bober.
2017-2021	• Integrated Masters in Mathematics, University of Bristol.

Research Interests

Character sums, harmonic analysis, classical modular forms.

Talks (upcoming and past)

- *Signs of Hecke eigenvalues*, AIM FRG Grad Seminar, American Institute of Mathematics, February 2024
- *The average least negative Hecke eigenvalue*, Junior Number Theory Seminar, University of Warwick, February 2024
- *The circle method and other variations*, Number Theory Day, University of Bristol, January 2024
- *The average least negative Hecke eigenvalue*, Linfoot Number Theory Seminar, University of Bristol, November 2023
- *The equidistribution of signs of Hecke eigenvalues*, AIM workshop: Delta symbols and the subconvexity problem, American Institute of Mathematics, October 2023
- *On the average least negative Hecke eigenvalue*, Arithmetic Statistics in Automorphic Forms and Analytic Number Theory Workshop, EPF Lausanne, June 2023
- *On the average least Hecke eigenvalue*, 35$^{\text{th}}$ Automorphic Forms Workshop, Louisiana State University, May 2023
- *Newform congruences of local origin*, Number Theory Day, University of Bristol, January 2023
- *The average least negative Hecke eigenvalue*, ELAZ, Adam Mickiewicz University, August 2022
- *Food Supply Networks*, joint presentation at the Heilbronn Doctoral Partnership Summer Workshop, University of Edinburgh, July 2022
- *The average least quadratic non-residue and further variations*, Early Career Researchers in Mathematics, University College London, June 2022
- *When do you come from?*, Postgraduate Seminar, University of Bristol, November 2021

Teaching

Winter 2024	• Teaching assistant, University of Bristol; 1st year undergraduate course "Analysis"
Winter 2023	• Exam marker, University of Bristol; 1st year undergraduate course "Group Theory"
Autumn 2022	• Teaching assistant, University of Bristol; 1st year undergraduate course "Linear Algebra"
Summer 2022	• Exam marker, University of Bristol; 1st year undergraduate course "Linear Algebra"
Spring 2022	• Homework marker, University of Britol; 4th year Masters course "Algebraic Number Theory"
Spring 2022	• Homework marker, University of Bristol; 1st year undergraduate course "ODEs, Curves and Dynamics"

Conferences attended

Oct. 2023	• *AIM Workshop: Delta symbols and the subconvexity problem*, American Institute of Mathematics, Pasadena, California
Jun. 2023	• *Arithmetic Statistics in Automorphic Forms and Analytic Number Theory Workshop*, EPF Lausanne

Conferences attended (continued)

May 2023	• 35th *Automorphic Forms Workshop*, Louisiana State University
Apr. 2023	• *Women in Number Theory and Geometry (WINGs)*, Chesterfield, UK.
Mar. 2023	• *Warwick-Oxbridge-Manchester-Bristol-London (WOMBL)*, University of Bristol.
Jan. 2023	• *Number Theory Day*, University of Bristol.
Sep. 2022	• *Warwick-Oxbridge-Manchester-Bristol-London (WOMBL)*, King's College London.
Sep. 2022	• *Heilbronn Annual Conference 2022*, University of Bristol.
Aug. 2022	• *Elementary and Analytic Number Theory (ELAZ)*, Adam Mickiewicz University, Poznań.
Jul. 2022	• *Journal of Number Theory Biennial Conference*, Cetraro, Italy.
Jun. 2022	• *Early Career Researchers in Mathematics*, University College London.
Jun. 2022	• *Women in Number Theory and Geometry (WINGs)*, Norfolk, UK.
Apr. 2022	• *The Great Western Number Theory Seminar (GWNT)*, University of Bath.
Apr. 2022	• *Warwick-Oxbridge-Manchester-Bristol-London (WOMBL)*, University of Oxford.
Mar. 2022	• *Heilbronn Distinguished Lecture Series*, University of Bristol.

Service

Jan. 2024	• *Co-organiser of Number Theory Day*, University of Bristol.
2023-Present	• *Co-organiser of Linfoot Seminar*, University of Bristol.
Jan. 2023	• *Co-organiser of Number Theory Day*, University of Bristol.
2022-2023	• *Organiser of Pre-Heilbronn Seminar*, University of Bristol.