
Håvard Damm-Johnsen

Citizenship: Norwegian
Date of Birth: June 24th 1997
Website: havarddj.github.io
Github: github.com/havarddj
Email: havard-dj@proton.me

Employment	Max Planck Institute for Mathematics, Bonn Visiting researcher	Bonn, Germany Oct. 2024 - Dec. 2024
Education	University of Oxford DPhil in Mathematics <i>Advisors: James Newton and Jan Vonk</i>	Oxford, UK Oct. 2020 - Oct. 2024
	University of Edinburgh BSc with honours in Mathematics <i>First class degree with A1 average</i>	Edinburgh, UK Sep. 2016 - June 2020
Publications	Modular Algorithms for Gross–Stark units and Stark–Heegner points <i>Contemp. Math., vol. 796, 2024, Amer. Math. Soc., Providence, RI, 261-284</i>	
Invited talks	Rigid cocycles and geodesics on Shimura curves University of Heidelberg number theory seminar	Nov 8th 2024
	Diagonal restrictions of Hilbert modular forms p-adic Families of Automorphic Forms, ICMS workshop	July 11th 2024
	Intersections of geodesics on modular curves and Hilbert modular forms University of Oxford number theory seminar	June 6th 2024
	Diagonal Restrictions of Hilbert Eisenstein series University of Cambridge number theory seminar	Oct. 31st 2023
	Diagonal Restrictions of Hilbert Eisenstein series University of Sheffield number theory seminar	Oct. 24th 2023
	Modular algorithms for Gross–Stark units and Stark–Heegner points LMFDB, Computation, and Number Theory (LuCaNT) conference	Jul. 12th 2023
	Computing Gross-Stark units using Hilbert modular forms University of Bristol Linfoot number theory seminar	Dec. 7th 2022
	Computing Gross-Stark units using Hilbert modular forms University of Warwick junior number theory seminar	Oct. 17th 2022
	Representations of Galois groups University of Oxford junior algebra and representation theory seminar	May. 13th 2022
	Deformations of diagonal Hilbert Eisenstein series University of Cambridge junior algebra and number theory seminar	Feb. 25th 2022
	Computing p-adic L-functions over real quadratic fields University of Oxford junior number theory seminar	Oct. 11th 2021

	Computing p-adic L-functions using Hilbert Eisenstein series	Aug. 18th 2021
	Y-RANT III: Young Researchers in Algebraic Number Theory	
	Local-to-global principles and a theorem of Siegel	Jan. 25th 2021
	University of Oxford junior number theory seminar	
Honours & scholarships	Aker Scholarship	2020 - 2024
	Covered course and college fees	
	Graduate Choral Scholarship	2020 - 2021
	Queen's College Chapel Choir, Oxford	
	Vacation Scholarship	2019
	University of Edinburgh School of Mathematics	
	Edinburgh Global Undergraduate Scholarship	2018
Service	Conference co-organiser	2023-2024
	Y-RANT VI: Young Researchers in Algebraic Number theory 5-day conference in Oxford, UK	
	Graduate student representative	2020 - 2024
	University of Oxford Library Committee	
	Junior Number Theory Seminar Organiser	2022 - 2023
	University of Oxford	
Teaching in Oxford:	TOPS summer school <i>instructor</i>	Summer 2024
	Prelims: Group Theory (2 sections) <i>tutor</i>	Trinity 2024
	Junior number theory seminar <i>organiser</i>	2022 - 2023
	Prelims: Linear Algebra II (3 sections) <i>tutor</i>	Hilary 2023
	Prelims: Geometry <i>tutor</i>	Michaelmas 2022
	Prelims: Linear Algebra I (2 sections) <i>tutor</i>	Michaelmas 2022
	TOPS summer school <i>instructor</i>	Summer 2022
	Part A: Number Theory short option <i>tutor</i>	Trinity 2022
	Part B: Galois Theory <i>tutor</i>	Michaelmas 2021
	Étale cohomology learning seminar <i>organiser</i>	Trinity 2021
	Part C: Elliptic Curves <i>teaching assistant</i>	Hilary 2021
	Part B: Commutative Algebra <i>teaching assistant</i>	Hilary 2021
	Part B: Galois Theory <i>teaching assistant</i>	Michaelmas 2020
Conferences & workshops attended	p -adic Families of Automorphic Forms ICMS Edinburgh, UK	8-12/07/24
	Bellaïche memorial conference Paris, France	18-21/06/24

2023 FLINT development workshop RPTU Kaiserslautern, Germany	9-13/10/23
Conference for Young Number Theorists in Bonn Max Planck Institute, Bonn, Germany	11-15/09/23
Young Researchers in Algebraic Number Theory (Y-RANT) V Cambridge, United Kingdom	6-8/09/23
LMFDB, Computation, and Number Theory (LuCaNT) ICERM, Providence, Rhode Island	10-14/07/23
Spring School on eigenvarieties Heidelberg, Germany	6-17/03/23
Number Theory Informed by Computation Park City Mathematical Institute, Utah	17/07-06/08/22
Arizona Winter School 2022: Automorphic forms beyond GL_2 Tucson, Arizona	5-9/03/22
Arithmetic and Geometry of Varieties with Trivial Canonical Bundle Oslo, Norway	14-16/12/21
Young Researchers in Algebraic Number Theory (Y-RANT) III University of Bristol (online)	18-20/08/2021
Number theory informed by computation Park City Mathematical Institute, Utah (online)	26-30/07/2021
Theta Series: Representation Theory, Geometry, and Arithmetic Fields Institute (online)	05-09/07/21
New connections in number theory and physics Isaac Newton Institute (online)	24-28/05/21
Unlikely Intersections, Diophantine geometry, and related fields University of Reading (online)	12-16/04/21

Last updated: November 01, 2024