Håvard Damm-Johnsen

Citizenship: Norwegian
Date of birth: June 24th 1997
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Employment		
	University of Gothenburg	Gothenburg, Sweden
	Postdoctoral Researcher	Jan. 2025 - Jan. 2027
	Max Planck Institute for Mathematics, Bonn	Bonn, Germany
	Visiting researcher	Oct. 2024 - Dec. 2024

Education		
	University of Oxford	Oxford, UK
	DPhil in Mathematics	Oct. 2020 - Oct. 2024
	Advisors: James Newton and Jan Vonk	
	University of Edinburgh	Edinburgh, UK
	BSc with honours in Mathematics	Sep. 2016 - June 2020
	First class degree with A1 average	

Publications		
	On a Theorem of Rickards	
	Preprint (2025)	
	Modular Algorithms for Gross–Stark units and Stark–Heegner points	
	Contemp. Math., vol. 796, 2024, Amer. Math. Soc., Providence, RI, 261-284	

Honors & scholarships		
	Knut and Alice Wallenberg Postdoctoral Fellowship	2020 - 2024
	2-year postdoc fellowship	
	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		
	Research stay organizer	2024-2025
	Oberwolfach visiting fellowship	Dec 7th-19th
	with Mike Daas, Lennart Gehrmann and Sören Sprehe	
	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	

Invited talks	**Portraits of Number Fields** LMFDB, Computation, and Number Theory (LuCaNT) conference	July 8th 2025
	Rigid cocycles and geodesics on Shimura curves University of Gothenburg AGNT seminar	Feb. 5th 2025
	Intersections of geodesics on Shimura curves Max Planck Institute (Bonn) number theory lunch seminar	Dec. 18th 2024
	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 Y-RANT III: Young Researchers in Algebraic Number Theory	Aug. 18th 2021
	Local-to-global principles and a theorem of Siegel University of Oxford junior number theory seminar	Jan. 25th 2021
Teaching	TOPS summer school *instructor*	Summer 2025
	TOPS summer school *instructor*	Summer 2024
	Prelims: Group Theory (2 sections) *tutor*	Trinity 2024
	Junior number theory seminar *organiser*	2022 - 2023
	Prelims: Linear Algebra II (3 sections) *tutor*	Hilary 2023

Prelims: Geometry *tutor*		Michaelmas 2022
Prelims: Linear Algebra I (2 sections) *tutor*		Michaelmas 2022
TOPS summer school *instructor*		Summer 2022
Part A: Number Theory short option *tutor*		Trinity 2022
Part B: Galois Theory *tutor*		Michaelmas 2021
Étale cohomology learning seminar *organiser*		Trinity 2021
Part C: Elliptic Curves *teaching assistant*		Hilary 2021
Part B: Commutative Algebra *teaching assistant*		Hilary 2021
Part B: Galois Theory *teaching assistant*		Michaelmas 2020

Conferences & workshops attended	Summer school on formulas of Siegel and Weil Bielefeld, Germany	29/09-2/10/25
	International Workshop on Automorphic Forms Les Diablerets, Switzerland	31/08-5/09/25
	LMFDB Workshop MIT, Cambridge, Massachussets	14-18/07/25
	LMFDB, Computation, and Number Theory (LuCaNT) ICERM, Providence, Rhode Island	7-11/07/25
	N-Cube Days XXII Stockholm University, Sweden	2-4/06/25
	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   14-16/12/21
Oslo, Norway

Young Researchers in Algebraic Number Theory (Y-RANT) III   18-20/08/2021
University of Bristol (online)

Number theory informed by computation   26-30/07/2021
Park City Mathematical Institute, Utah (online)

Theta Series: Representation Theory, Geometry, and Arithmetic   05-09/07/21
Fields Institute (online)

New connections in number theory and physics   24-28/05/21
Isaac Newton Institute (online)

Unlikely Intersections, Diophantine geometry, and related fields   12-16/04/21
University of Reading (online)