

Jin Lee

Department of Mathematics, Duke University | Email: jin.lee@duke.edu

Education

PhD - Mathematics	August 2021~May 2026 (expected)
Duke University	
BA - Mathematics, Cognitive Science (Phi Beta Kappa)	May 2020
University of Virginia	
MA - Mathematics	May 2021
University of Virginia	

Expository Talks

Hodge Structures and Period Maps	September 2022
Introduction to Hodge Theory 1 Department of Mathematics (duke.edu)	
Derived Category of Sheaves	Mar 2022
Graduate student seminar on perverse sheaves, Duke University	
Arithmetic Kleinian Groups and Margulis' Arithmeticity Theorem	May 2021
Topics in Differential Geometry - Kleinian Groups, University of Virginia	
Blow ups of ideals and Hironaka's resolution of singularities	Dec 2020
Joint talk given with Spencer Martin and Miika Tuominen	
Introduction to Algebraic Geometry, University of Virginia	

Teaching

Math 111L Introductory Calculus, Teaching Assistant	Fall 2022
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Service

Math Majors of America Tournament for High School Students	Spring, Fall 2020
Regional liaison at the University of Virginia	

Workshops

Masterclass: Relative Trace Formula, University of Copenhagen	August 2022
Virginia Summer School for Integrable Probability	Summer 2019

Programming Languages

(In order of fluency) Matlab, Python, Bash, R, C++

External activities

Computational Neuroscience Lab (Supervisor: Prof. William Levy)

Spring 2018~Spring 2020

Charlottesville Symphony Orchestra (Violin)

Fall 2016~Spring 2017