

Hyunki Min

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EMPLOYMENT	Hedrick Assistant Adjunct Professor, UCLA <i>Mentor: Ko Honda</i>	2022 - 2025
	Postdoctoral Associate, Massachusetts Institute of Technology <i>Mentor: Lisa Piccirillo</i>	2021 - 2022

EDUCATION	Ph.D. Mathematics, Georgia Institute of Technology <i>Advisor: John Etnyre</i>	2015 - 2021
	B.S. Computer Science and Engineering, Seoul National University	2008 - 2015

PAPERS	The contact mapping class group and rational unknots in lens spaces arXiv:2207.03590	
	Non-loose torus knots with John Etnyre and Anubhav Mukherjee arXiv:2206.14848	
	Strongly fillable contact structures without Liouville fillings arXiv:2205.09912	
	Cabling Legendrian and transverse knots with Apratim Chakraborty and John Etnyre arXiv:2012.12148 To appear in <i>Journal of Differential Geometry</i>	
	On 3-manifolds that are boundaries of exotic 4-manifolds with John Etnyre and Anubhav Mukherjee <i>Transactions of the AMS, 375-6 (2022) 4307-4332</i>	
	Classification of tight contact structures on surgeries on the figure-eight knot with James Conway <i>Geometry & Topology, 24-3 (2020) 1457-1517</i>	

TALKS	BIRS Workshop: Symplectic and Holomorphic Convexity, BIRS	April 2023
	AMS Sectional Meeting, Georgia Tech	March 2023
	Workshop for Young Symplectic Geometers, Korea	February 2023
	G&T Workshop Turkey, Online workshop	December 2021
	Boston Graduate Topology Seminar, MIT	November 2021
	Informal Symplectic Seminar, MIT	November 2021
	Geometry/Topology Seminar, MIT	September 2021
	GT GAPS, Online seminar	August 2021

Joint Mathematics Meeting , Online conference	<i>January 2021</i>
Tech Topology Conference , Georgia Tech	<i>December 2020</i>
NCNGT 20 , Online conference	<i>June 2020</i>
Topology Seminar , University of Alabama	<i>February 2020</i>
Topology Seminar , Seoul National University	<i>December 2019</i>
Tech Topology Conference , Georgia Tech	<i>December 2019</i>
Topology Seminar , Binghamton University	<i>April 2019</i>
AMS Sectional Meeting , University of Auburn	<i>March 2019</i>
Topology Seminar , University of Georgia	<i>January 2019</i>
Mini-workshop , Seoul National University	<i>January 2019</i>
Tech Topology Conference , Georgia Tech	<i>December 2018</i>

TEACHING

UCLA	Instructor of Math 115A: Linear Algebra	<i>Fall 2022</i>
MIT	TA of 18.03: Differential Equations	<i>Spring 2022</i>
	TA of 18.02: Multivariable Calculus	<i>Fall 2021</i>
GEORGIA TECH	Instructor of GRE Math Boot Camp	<i>Summer 2021</i>
	Instructor of Math 2550: Introduction to Multivariable Calculus	<i>Summer 2020</i>
	Instructor of Math 2550: Introduction to Multivariable Calculus	<i>Summer 2019</i>
	Instructor of Math 2551: Multivariable Calculus	<i>Summer 2018</i>
	Head TA of Math 2551: Multivariable Calculus	<i>Spring 2021</i>
	Head TA of Math 2551: Multivariable Calculus	<i>Fall 2019</i>
	TA of Math 1554: Linear Algebra	<i>Fall 2020</i>
	TA of Math 2551: Multivariable Calculus	<i>Spring 2020</i>
	TA of Math 2551: Multivariable Calculus	<i>Spring 2019</i>
	TA of Math 1554: Linear Algebra	<i>Fall 2018</i>
	TA of Math 2552: Differential Equations	<i>Fall 2017</i>
	TA of Math 2551: Multivariable Calculus	<i>Summer 2017</i>
	TA of Math 2551: Multivariable Calculus	<i>Spring 2017</i>
	TA of Math 1564: Linear Algebra with Abstract Vector Spaces	<i>Fall 2016</i>

	TA of Math 2552: Differential Equations	<i>Summer 2016</i>
	TA of Math 2551: Multivariable Calculus	<i>Spring 2016</i>
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AWARDS	Top Grad Student Award , Georgia Tech	<i>Spring 2021</i>
	Outstanding Grad Student Instructor Award , Georgia Tech	<i>Spring 2021</i>
	Outstanding TA Award , Georgia Tech	<i>Spring 2021</i>
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SERVICE	Referee work: <i>Journal of Topology</i> , <i>New York Journal of Mathematics</i>	
	Co-organizer , Geometry & Topology Seminar, MIT	<i>Spring 2022</i>
	Co-organizer , Geometry & Topology Seminar, MIT	<i>Fall 2021</i>
	Co-organizer , Contact and symplectic topology , NCNGT 21	<i>Summer 2021</i>
	Co-organizer , Reading groups on filling obstructions , Georgia Tech	<i>Spring 2021</i>
	Co-organizer , 4-dimensional manifolds reading seminar , Georgia Tech	<i>Fall 2020</i>
	Co-organizer , Heegaard Floer homology reading seminar, Georgia Tech	<i>Spring 2020</i>
	Organizer , High dimensional contact topology reading seminar , Georgia Tech	<i>Fall 2019</i>
	Direct Reading Program , Legendrian knots, MIT <i>Mentees: Pedro Suarez, Liane Xu</i>	<i>Winter 2021</i>
	Grad Panel with Visiting Honor Students , Georgia Tech	<i>Spring 2021</i>
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REFERENCES	John Etnyre , Georgia Tech	
	Jen Hom , Georgia Tech	
	Ko Honda , UCLA	
	Lisa Piccirillo , MIT	
	Klara Grodzinsky (Teaching) , Georgia Tech	
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