

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	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	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	January 2021
	Tech Topology Conference, Georgia Tech	December 2020
	NCNGT 20, Online conference	June 2020
	Topology Seminar, University of Alabama	February 2020

	Topology Seminar, Seoul National University	December 2019
	Tech Topology Conference, Georgia Tech	December 2019
	Topology Seminar, Binghamton University	April 2019
	AMS Sectional Meeting, University of Auburn	March 2019
	Topology Seminar, University of Georgia	January 2019
	Mini-workshop, Seoul National University	January 2019
	Tech Topology Conference, Georgia Tech	December 2018
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TEACHING		
MIT	TA of 18.03: Differential Equations	Spring 2022
	TA of 18.02: Multivariable Calculus	Fall 2021
GEORGIA TECH	Instructor of GRE Math Boot Camp	Summer 2021
	Instructor of Math 2550: Introduction to Multivariable Calculus	Summer 2020
	Instructor of Math 2550: Introduction to Multivariable Calculus	Summer 2019
	Instructor of Math 2551: Multivariable Calculus	Summer 2018
	Head TA of Math 2551: Multivariable Calculus	Spring 2021
	Head TA of Math 2551: Multivariable Calculus	Fall 2019
	TA of Math 1554: Linear Algebra	Fall 2020
	TA of Math 2551: Multivariable Calculus	Spring 2020
	TA of Math 2551: Multivariable Calculus	Spring 2019
	TA of Math 1554: Linear Algebra	Fall 2018
	TA of Math 2552: Differential Equations	Fall 2017
	TA of Math 2551: Multivariable Calculus	Summer 2017
	TA of Math 2551: Multivariable Calculus	Spring 2017
	TA of Math 1564: Linear Algebra with Abstract Vector Spaces	Fall 2016
	TA of Math 2552: Differential Equations	Summer 2016
	TA of Math 2551: Multivariable Calculus	Spring 2016
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AWARDS		
	Top Grad Student Award, Georgia Tech	Spring 2021
	Outstanding Grad Student Instructor Award, Georgia Tech	Spring 2021

	Outstanding TA Award , Georgia Tech	<i>Spring 2021</i>
SERVICE	Referee work: <i>Journal of Topology</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>
REFERENCES	John Etnyre , Georgia Tech	
	Jen Hom , Georgia Tech	
	Ko Honda , UCLA	
	Lisa Piccirillo , MIT	
	Klara Grodzinsky (Teaching) , Georgia Tech	