

Hyunki Min

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	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	<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>

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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