

# Hyunki Min

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

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

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PAPERS	<b>Non-loose torus knots</b> with John Etnyre and Anubhav Mukherjee available upon request	
	<b>Tight contact structures on a family of hyperbolic L-spaces</b> available upon request	
	<b>Cabling Legendrian and transverse knots</b> with Apratim Chakraborty and John Etnyre <a href="#">arXiv:2012.12148</a> To appear in <i>Journal of Differential Geometry</i>	
	<b>On 3-manifolds that are boundaries of exotic 4-manifolds</b> with John Etnyre and Anubhav Mukherjee <a href="#">arXiv:1901.07964</a> To appear in <i>Transactions of the AMS</i>	
	<b>Classification of tight contact structures on surgeries on the figure-eight knot</b> with James Conway <i>Geometry &amp; Topology</i> 24-3 (2020) 1457–1517	

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TALKS	<b>G&amp;T Workshop Turkey, Online workshop</b>	December 2021
	<b>Boston Graduate Topology Seminar, MIT</b>	November 2021
	<b>Informal Symplectic Seminar, MIT</b>	November 2021
	<b>Geometry/Topology Seminar, MIT</b>	September 2021
	<b>GT GAPS, Online seminar</b>	August 2021
	<b>Joint Mathematics Meeting, Online conference</b>	January 2021
	<b>Tech Topology Conference, Georgia Tech</b>	December 2020
	<b>NCNGT 20, Online conference</b>	June 2020
	<b>Topology Seminar, University of Alabama</b>	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	Instructor of <a href="#">GRE Math Boot Camp</a>	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
	TA of 18.02: Multivariable Calculus	Fall 2021
	Head TA of Math 2551: Multivariable Calculus	Spring 2021
	TA of Math 1554: Linear Algebra	Fall 2020
	TA of Math 2551: Multivariable Calculus	Spring 2020
	Head TA of Math 2551: Multivariable Calculus	Fall 2019
	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	Spring 2021

## SERVICE

**Referee work:** *Journal of Topology*

**Co-organizer**, Geometry & Topology Seminar, MIT *Spring 2022*

**Co-organizer**, Geometry & Topology Seminar, MIT *Fall 2021*

**Co-organizer**, [Contact and symplectic topology](#), NCNGT 21 *Summer 2021*

**Co-organizer**, [Reading groups on filling obstructions](#), Georgia Tech *Spring 2021*

**Co-organizer**, [4-dimensional manifolds reading seminar](#), Georgia Tech *Fall 2020*

**Co-organizer**, Heegaard Floer homology reading seminar, Georgia Tech *Spring 2020*

**Organizer**, [High dimensional contact topology reading seminar](#), Georgia Tech *Fall 2019*

**Direct Reading Program**, Legendrian knots, MIT *Winter 2021*

**Grad Panel with Visiting Honor Students**, Georgia Tech *Spring 2021*

## REFERENCES

**John Etnyre**, Georgia Tech

**Jen Hom**, Georgia Tech

**Ko Honda**, UCLA

**Lisa Piccirillo**, MIT

**Klara Grodzinsky (teaching)**, Georgia Tech