Hyunki Min

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

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

PAPERS

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 *Journal of Differential Geometry*

On 3-manifolds that are boundaries of exotic 4-manifolds
with John Etnyre and Anubhav Mukherjee
Transactions of the AMS, 375-6 (2022) 4307-4332

Classification of tight contact structures on surgeries on the figure-eight knot
with James Conway
Geometry & Toplogy, 24-3 (2020) 1457–1517

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*

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*

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 *Mentees: Pedro Suarez, Liane Xu*	*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