Hyunki Min

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EMPLOYMENT

Postdoctoral Associate, Massachusetts Institute of Technology   *2021 - present*
Scientific sponsor: Lisa Piccirillo

EDUCATION

Ph.D. Mathematics, Georgia Institute of Technology   *2015 - 2021*
Advisor: John Etnyre

B.S. Computer Science and Engineering, Seoul National University   *2008 - 2015*

PAPERS

Non-loose torus knots
with John Etnyre and Anubhav Mukherjee
available upon request

Tight contact structures on a family of hyperbolic L-spaces
available upon request

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
arXiv:1901.07964
To appear in *Transactions of the AMS*

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*

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	**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*
	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*

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, 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, 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