

Hyunki Min

EMPLOYMENT	Postdoctoral Associate , Massachusetts Institute of Technology <i>Scientific sponsor: 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	<p>Cabling Legendrian and transverse knots with Apratim Chakraborty and John Etnyre arXiv:2012.12148</p> <p>On 3-manifolds that are boundaries of exotic 4-manifolds with John Etnyre and Anubhav Mukherjee arXiv:1901.07964</p> <p>Classification of tight contact structures on surgeries on the figure-eight knot with James Conway <i>Geometry & Topology</i> 24-3 (2020) 14571517</p>	
TALKS	<p>Joint Mathematics Meeting, Online conference January 2021</p> <p>Tech Topology Conference, Georgia Tech December 2020</p> <p>NCNGT, Online conference June 2020</p> <p>Topology Seminar, University of Alabama February 2020</p> <p>Topology Seminar, Seoul National University December 2019</p> <p>Tech Topology Conference, Georgia Tech December 2019</p> <p>Topology Seminar, Binghamton University April 2019</p> <p>AMS Sectional Meeting, University of Auburn March 2019</p> <p>Topology Seminar, University of Georgia January 2019</p> <p>Mini-workshop, Seoul National University January 2019</p> <p>Tech Topology Conference, Georgia Tech December 2018</p>	
TEACHING	<p>Instructor of Math 2550: Introduction to Multivariable Calculus Summer 2020</p> <p>Instructor of Math 2550: Introduction to Multivariable Calculus Summer 2019</p> <p>Instructor of Math 2551: Multivariable Calculus Summer 2018</p>	

TA of Math 2551: Multivariable Calculus	<i>Spring 2021</i>
TA of Math 1554: Linear Algebra	<i>Fall 2020</i>
TA of Math 2551: Multivariable Calculus	<i>Spring 2020</i>
Head TA of Math 2551: Multivariable Calculus	<i>Fall 2019</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>

SERVICE

Referee work: <i>J. Topol.</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>
