

# Hyunki Min

EMPLOYMENT	<b>Postdoctoral Associate</b> , Massachusetts Institute of Technology <i>Scientific sponsor: Lisa Piccirillo</i>	2021 - 2022
EDUCATION	<b>Ph.D. Mathematics</b> , Georgia Institute of Technology <i>Advisor: John Etnyre</i>	2015 - 2021
	<b>B.S. Computer Science and Engineering</b> , Seoul National University	2008 - 2015
PAPERS	<p><b>Cabling Legendrian and transverse knots</b>          with Apratim Chakraborty and John Etnyre  <a href="https://arxiv.org/abs/2012.12148">arXiv:2012.12148</a></p> <p><b>On 3-manifolds that are boundaries of exotic 4-manifolds</b>          with John Etnyre and Anubhav Mukherjee  <a href="https://arxiv.org/abs/1901.07964">arXiv:1901.07964</a></p> <p><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</p>	
TALKS	<p><b>Joint Mathematics Meeting</b>, Online conference January 2021</p> <p><b>Tech Topology Conference</b>, Georgia Tech December 2020</p> <p><b>NCNGT</b>, Online conference June 2020</p> <p><b>Topology Seminar</b>, University of Alabama February 2020</p> <p><b>Topology Seminar</b>, Seoul National University December 2019</p> <p><b>Tech Topology Conference</b>, Georgia Tech December 2019</p> <p><b>Topology Seminar</b>, Binghamton University April 2019</p> <p><b>AMS Sectional Meeting</b>, University of Auburn March 2019</p> <p><b>Topology Seminar</b>, University of Georgia January 2019</p> <p><b>Mini-workshop</b>, Seoul National University January 2019</p> <p><b>Tech Topology Conference</b>, Georgia Tech December 2018</p>	
TEACHING	<p><b>Instructor of Math 2550: Introduction to Multivariable Calculus</b> Summer 2020</p> <p><b>Instructor of Math 2550: Introduction to Multivariable Calculus</b> Summer 2019</p> <p><b>Instructor of Math 2551: Multivariable Calculus</b> 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>

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## SERVICE

Referee work: <i>J. Topol.</i>	
Co-organizer, <a href="#">Reading groups on filling obstructions</a> , Georgia Tech	<i>Spring 2021</i>
Co-organizer, <a href="#">4-dimensional manifolds reading seminar</a> , Georgia Tech	<i>Fall 2020</i>
Co-organizer, Heegaard Floer homology reading seminar, Georgia Tech	<i>Spring 2020</i>
Organizer, <a href="#">High dimensional contact topology reading seminar</a> , Georgia Tech	<i>Fall 2019</i>

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