

Thomas Rodewald  
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### Education

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<b>Georgia Institute of Technology</b> <i>PhD in Mathematics</i> Supported by GRA	2019-Present
<b>Georgia Institute of Technology</b> <i>Master of Science in Mathematics</i>	2016-2018
<b>University of Kansas</b> <i>Bachelor of Arts in Mathematics</i> <i>Bachelor of Science in Economics</i>	2010-2015

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### Research

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My research interests are in low dimensional topology and geometry. I am generally interested in low-dimensional topology. More specifically I'm interested in open book decompositions, convex surfaces, and contact/symplectic geometry.

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### Teaching

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#### TA

Math 1552 (Integral Calculus)  
Math 1553 (Linear Algebra)  
Math 1554 (Linear Algebra)  
Math 1711 (Finite Mathematics)  
Math 2551 (Multivariable Calculus)

#### Head TA

Math 1551 (Differential Calculus)

#### Instructor

Math 1551 (Differential Calculus)

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### Seminars and Talks Given

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#### Organizer

Graduate Student Topology and Geometry Conference, 2022  
Georgia Tech Geometry Topology Student Seminar, 2023-2024

## Speaker

*Classifying Legendrian Cable Links of Negative Twist Knots*, AMS Southeast Sectional, Spring 2024

*Stein Fillings of Contact Structures in Lens Spaces*, Nearly Carbon Neutral Geometry Topology Conference, Summer 2023

Regular Appearances in Geometry/Topology Student Seminar, Georgia Tech

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## Conferences/Summer Schools Attended

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Symplectic Dynamics in Montevideo

Tech Topology Conference 2023

Trisectors Workshop 2023

Interactions Between Symplectic and Holomorphic Convexity in 4 Dimensions

Georgia Topology Conference 2023

Moab Topology Conference

Tech Topology Conference 2022

Tech Topology Conference 2021

Summer school: *Tech Topology Summer School*, Georgia Tech 2021

Tech Topology Conference 2019

Summer school: *Perspectives on Dehn Surgery*, ICERM 2019

Tech Topology Conference 2018

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## Other Skills

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Fluent in Spanish

Experienced with Matlab

