

Lev Tovstopyat- Nelip

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East Lansing, MI
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Research Interests

Low-dimensional topology, Heegaard Floer homology, Khovanov homology, mapping class groups, contact and symplectic geometry

Employment

2019-present **Visiting Assistant Professor**, *Michigan State University*, East Lansing, MI.
Supervisor: Matthew Hedden

Education

2013-2019 **Ph.D.**, *Boston College*, Chestnut Hill, MA.
Advisor: John A. Baldwin

2009-2013 **B.S. Mathematics**, *University of Georgia*, Athens, GA.

Awards

2018-2019 Boston College Dissertation Fellowship

Preprints

- 1 **Grid invariants of Legendrian and transverse links in universally tight lens spaces**,
Submitted; arXiv:1809.07272.
- 2 **On the transverse invariant and braid dynamics**,
Submitted; arXiv:1805.08163.
- 3 **Concordance maps for the minus version of knot Floer homology**,
Submitted; arXiv:1610.09029.

Talks

Invited Talks

- Nov. 2019 Symplectic Geometry, Gauge Theory, and Categorification Seminar, Columbia University
- Oct. 2019 Geometry Topology Seminar, Michigan State University
- Dec. 2018 Topology Seminar, Stony Brook University
- Dec. 2018 Geometry Topology Seminar, Michigan State University
- Nov. 2018 Graduate Topology Seminar, University of California Berkeley

- Nov. 2018 Topology Seminar, University of California Berkeley
Oct. 2018 Graduate Geometry Topology Seminar, Georgia Institute of Technology
Oct. 2018 Geometry Topology Seminar, Georgia Institute of Technology
Sept. 2018 Topology Seminar, University of Georgia
Sept. 2018 Topology Seminar, Dartmouth College

Teaching Experience

- 2019 **Visiting Assistant Professor**, *Michigan State University*, East Lansing, MI.
◦ Survey of Calculus (Fall 2019)
- 2015-2017 **Teaching Fellow**, *Boston College*, Chestnut Hill, MA.
◦ Calculus I (Fall 2015)
◦ Calculus II (Spring 2016, Spring 2017)
◦ Finite Probability and Applications (Fall 2016)
- 2013-2015 **Teaching Assistant**, *Boston College*, Chestnut Hill, MA.
◦ Calculus I (Spring 2014, Fall 2014)
◦ Calculus II (Fall 2013)
◦ Introduction to Abstract Algebra (Spring 2015)

Service

Seminar Organization

- 2016-2018 Co-organizer, *Floer Homology and Contact Geometry Seminar*, Boston College

Research Supervised

- Summer 2018 Co-supervised two undergraduate research projects with his advisor, John Baldwin.