

Sean Tilson

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Personal

Born on October 19, 1984.

United States Citizen.

Education

Undergraduate

University of Michigan, 2002-2003

Wayne State University, 2003-2007

Graduate

Wayne State University, 2007-present

Employment

Math Tutor, Mathematics Department, Wayne State University, Fall 2004 - Summer 2007

Graduate Teaching Assistant, Mathematics Department, Wayne State University, Fall 2007 - Present

Research Visits

Research group of Kathryn Hess, École Polytechnique Fédérale de Lausanne, May 2011

Seminar Talks

Northwestern University Topology Seminar, December 2012

University of Chicago Algebraic Topology Seminar, December 2012

Johns Hopkins University Topology Seminar, November 2012

University of Virginia Topology Seminar, October 2012

University of Illinois Urbana-Champaign Topology Seminar, September 2012

University of California Riverside Topology Seminar, March 2012

Wayne State University Topology Seminar, February 2012

University of Western Ontario Geometry and Topology Seminar, December 2011

Wayne State Topology Seminar, September 2010

Conference Talks

Power Operations on Highly structured Ring Spectra, CMS Special Session on Homotopy Theory, Regina, Saskatchewan, Ca., June 2012

Power Operations and the Kunnetth Spectral Sequence, 10th Annual Graduate Student Topology Conference, Indiana University, March 2012

Operations and the Bar Construction, Young Topologists Meeting, École Polytechnique Fédérale de Lausanne, June 2011

On the Mod 2 Cohomology of the Steenrod Algebra, Michigan Undergraduate Mathematics Conference, University of Michigan at Flint, October 2005

Workshop Talks

Computations in THH and TC, WCATSS 2012: Algebraic K-theory, July 2012

Orthogonal Calculus II: Examples, Talbot Workshop 2012: Calculus of Functors, May 2012

Upcoming Seminar Talks

Princeton University Algebraic Topology Seminar, March 2013

Conferences Attended

West Coast Algebraic Topology Summer School, Stanford University, July 2012

Canadian Math Society Summer Meeting, University of Regina, June 2012

Talbot 2012: Calculus of Functors, Garden City, Utah, May 2012

Midwest Topology Seminar, Purdue University, April 2012

10th Annual Graduate Student Topology and Geometry Conference, Indiana University, March-April 2012

Southern California Algebraic Geometry Seminar, University of California San Diego, March 2012

Midwest Topology Seminar, Illinois State University, October 2011

Young Topologists Meeting, École Polytechnique Fédérale de Lausanne, June 2011

Algebra, Topology and Fjords Summer School, Nordfjordeid, Norway, June 2011

André Memorial Conference, École Polytechnique Fédérale de Lausanne, May 2011

Midwest Topology Seminar, University of Chicago, April 2011

Midwest Topology Seminar, Wayne State University, October 2010

West Coast Algebraic Topology Summer School, University of Oregon, August 2010
 Midwest Topology Seminar, Northwestern University, April 2010
 8th Annual Graduate Student Topology and Geometry Conference, University of Michigan, April 2010
 Michigan Conference on Topology and Physics, University of Michigan, February 2010,
 New Contexts in Homotopy Theory, University of Chicago, October 2009
 Midwest Topology Seminar, University of Minnesota, May 2009
 Midwest Topology Seminar, Purdue University, February 2009
 6th Annual Graduate Student Topology and Geometry Conference, University of Illinois at Urbana-Champaign, March 2008
 Midwest Topology Seminar, University of Illinois at Urbana-Champaign, October 2007
 Midwest Topology Seminar, Wayne State University, April 2007
 Midwest Topology Seminar, University of Illinois at Chicago, February 2007
 Midwest Topology Seminar, Indiana University, October 2006
 Category Theory and its Application: A Conference in Memory of Saunders MacLane, April 2006
 Michigan Undergraduate Mathematics Conference, University of Michigan at Flint, October 2005

Teaching Experience As Primary Instructor

Math 0993-Beginning Algebra: Fall 2010, Winter 2011
 Math 0995-Intermediate Algebra: Spring/Summer 2009, Spring/Summer 2010, Winter 2009
 Math 1050-Algebra with Trigonometry: Fall 2007, Winter 2008, Fall 2012
 Math 1800-Elementary Functions: Spring/Summer 2008, Fall 2008, Fall 2009, Winter 2010, Winter 2012
 Math 2010-Calculus 1: Spring/Summer 2009, Spring/Summer 2010
 Math 2020-Calculus 2: Fall 2011

Non-teaching Departmental Activities

Coordinator of Mathematics Resource Center: Fall 2011-Winter 2012
 Organizer of Wayne State Mathematics Student Seminar with Mike Catanzaro: Fall 2011-Winter 2012
 Organizer of Wayne State Mathematics Student Seminar with Jim Veneri: Fall 2010-Winter 2011

Mathematical References, Referees

Robert Bruner, Wayne State University: rrb@math.wayne.edu
 Daniel Isaksen, Wayne State University: isaksen@math.wayne.edu
 John Klein, Wayne State University: klein@math.wayne.edu
 Kathryn Hess, École Polytechnique Fédérale de Lausanne: kathryn.hess@epfl.ch