

Glen M. Wilson

Present Address

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Education

Ph.D. May 2016
Rutgers, The State University of New Jersey
New Brunswick, NJ
Advisor: Charles Weibel

B.A. in Mathematics May 2010
The College of New Jersey
Ewing, NJ

Publications

Wilson, G. M. and Østvær, P. A., “Two-complete stable motivic stems over finite fields,” *Algebraic and Geometric Topology* **17** (2017), no. 2, 1059–1104. <https://doi.org/10.2140/agt.2017.17.1059>

Wilson, G. M., “Motivic stable stems over finite fields.” Thesis (Ph.D.)-Rutgers The State University of New Jersey - New Brunswick. 2016. 81 pp. *ProQuest LLC*. <http://dx.doi.org/doi:10.7282/T3XP7738>

Wilson, G. M. and Woodward, C. T., “Quasimap Floer Cohomology for Varying Symplectic Quotients,” *Canadian Journal of Mathematics* **65** (2013), no. 2, 467–480. <http://dx.doi.org/10.4153/CJM-2012-008-9>

Hagedorn, T. R. and Wilson, G. M., “Symbolic computation of degree-three covariants for a binary form,” *Involve* **2** (2009), no. 1, 509–530. <http://dx.doi.org/10.2140/involve.2009.2.511>

Presentations

The η -inverted sphere spectrum over various fields March 2017
Institut Mittag-Leffler, Conference on Algebro-Geometric and Homotopical Methods.

Introduction to the motivic Adams spectral sequence Fall 2016
University of Oslo, Topology seminar. Two lectures out of a four lecture mini-course, joint with Jonas Irgens Kylling

Stable stems over finite fields Fall 2015
University of Illinois, Urbana-Champaign, Topology seminar.

Stable stems over finite fields Fall 2015
University of Chicago, Topology seminar.

Voevodsky’s connectivity theorem for \mathbb{P}^1 -spectra Summer 2015
University of Southern California, USC *K*-Theory summer school.

Motivic Adams spectral sequence Spring 2015
Princeton University, Algebraic Topology Seminar.

Motivic Adams spectral sequence over finite fields Fall 2014
Wayne State University, Topology Seminar.

	<i>Motivic Adams spectral sequence over finite fields</i>	Fall 2014
	Binghamton University Graduate Conference in Algebra and Topology	
	<i>Spectra, Brown representability, homology, and cohomology</i>	Fall 2013
	Graduate Student Algebraic Topology Seminar	
Conferences Attended	A special semester in algebro-geometric and homotopical methods	February 2017
	Institut Mittag-Leffler	
	Topology and Applications	November 2016
	NTNU: Norwegian University of Science and Technology	
	<i>K</i> -Theory, Cyclic Homology, and Motives	August 2015
	Rutgers, The State University of New Jersey	
	Equivariant and motivic homotopy theory	May 2015
	Reed College	
	A special semester in motivic homotopy theory	June 2014
	Universität Duisburg-Essen	
	Representation theory and <i>K</i> -theory	May 19–22, 2014
	University of Southern California	
	Homotopical Methods in Algebraic Geometry	May 28–June 1, 2013
	University of Southern California	
	Topological Methods in Complex Systems	Summer 2011
	Institute for Mathematics and its Applications Workshop	
	Workshop on Sheaf-Theoretic Methods in Symplectic Topology	May 9–12, 2011
	Institute for Advanced Study	
Teaching Experience	Courses taught at Rutgers, The State University of New Jersey	
	• Introduction to Mathematical Reasoning	Summer 2015
	• Introductory Linear Algebra with MATLAB	Fall 2014
	• Introductory Linear Algebra	Spring 2014
	• Calculus 2 for the mathematical and physical sciences	Spring 2013
	• Calculus 1	Summer 2012
	Teaching assistant at Rutgers, The State University of New Jersey	
	• Introductory Linear Algebra with MATLAB	Fall 2015
	Instructor: Prof. Las Goonetilleke	
	• Introductory Linear Algebra with MATLAB	Spring 2015
	Instructors: Prof. James Lepowsky, Dr. Jonathan Bloom	
	• Abstract Algebra II (Graduate course)	Spring 2015
	Instructor: Prof. Vladimir Retakh	
	• Calculus 1	Fall 2012
	Instructor: Alice Seneres	
	• Calculus 2 for the biological sciences	Spring 2012
	Instructor Dr. Amit Patel	

	<ul style="list-style-type: none"> • Calculus 1 Instructor Dr. Diana Nunziante 	Fall 2011
Mentoring Experience	Directed Reading Program Jane Frank, Topology, fractal geometry	Fall 2015
	Directed Reading Program Ushma Majmudar, Dynamical systems, algebraic geometry	Fall 2013–Spring 2014
	DIMACS REU Program Walter Cai, Persistent homology	Summer 2012
	DIMACS REU Program Cherre Jefferson and Derrick Simmons, Billiards and number theory	Summer 2011
Service	Directed Reading Program committee member Rutgers, The State University of New Jersey	2011–2016
	Mathematics Graduate Student Organization treasurer Rutgers, The State University of New Jersey	Fall 2011–Spring 2014
	Graduate Student Algebraic Topology Seminar coordinator Rutgers, The State University of New Jersey	Fall 2013
	DIMACS REU graduate coordinator Rutgers, The State University of New Jersey	Summer 2013
Academic Honors	RASTL Fellow Rutgers Academy for the Scholarship of Teaching and Learning	Spring 2015–2016
	TA Excellence Award Rutgers University Mathematics Department	Fall 2014
	Academic Excellence Award Rutgers University Mathematics Department	2011
	NSF Graduate Research Fellowship Honorable Mention	2011
	GAANN Fellowship Rutgers University Mathematics Department	2010
	Goldwater Scholarship	2009
	Robert S. Duncan Award TCNJ Mathematics Department	2009
	Goldwater Scholarship Honorable Mention	2008
	Carl Schuster Award TCNJ Mathematics Department	2008