

Chun-yi Sun

ADDRESS

c/o OU Mathematics Department
601 Elm St PHSC 423
Norman, OK 73019
(405) 325-0793
jsun@math.ou.edu

Research Interests

Geometric group theory, mapping class groups.

Employment

Visiting Assistant Professor, 2012-
Mathematics Department, University of Oklahoma, Norman, OK

Education

PhD, Mathematics, May 2012
MPhil, Mathematics, Dec 2008
MS, Mathematics, Dec 2008
Yale University, New Haven, CT
Dissertation Adviser: Yair Minsky
Dissertation Title: Asymptotic Geometry, Bounded Generation and Subgroups of Mapping Class Groups

BS, Mathematics, June 2005
Peking University, Beijing, China

Teaching Experiences

At the University of Oklahoma,
Math 2443, Calculus and Analytic Geometry IV, Spring 2013
Math 1823, Calculus and Analytic Geometry I, Fall 2012

At Yale University

Title	Course Name	Semester
Instructor	Calculus of Functions of Single Variable I	Fall 2011
	Calculus of Functions of Several Variables	Fall 2010
	Calculus of Functions of Several Variables	Fall 2009
	Calculus of Functions of Single Variable II	Fall 2008
	Calculus of Functions of One Variable II	Fall 2007
Teaching Assistant	Linear Algebra with Applications	Spring 2007
Grader	Introduction to Functional Analysis	Spring 2011
	Calculus of Functions of One Variable II	Summer 2008
	Mathematics for Economists	Summer 2006
	Galois Theory	Spring 2006

Publication

Asymptotic Geometry, Bounded Generation and Subgroups of Mapping Class Groups
Chun-yi Sun, in preparation, May 2012.

Invited Talks

Sun, Chun-yi, “Non-Bounded Generation of Word-Hyperbolic Groups”, 30-minute talk. Eighth Annual Graduate Student Topology and Geometry Conference, University of Michigan, April 10-11, 2010.

Sun, Jean, “Growth, Projections, and (non)Bounded Generation of Mapping Class Groups”. Geometry-Topology Seminar, Temple University, Philadelphia, PA, Jan 17, 2012.

Geometry and Topology Seminar, State University of New York at Binghamton, Binghamton, NY, Feb 2, 2012.

CUNY Geometry and Topology Seminar, CUNY Graduate Center, New York, NY, Mar 6, 2012.

Geometry Topology Seminar, Brown University, Providence, RI, Mar 21, 2012.

Conferences/Workshops Attended

1. 3-Manifolds, Artin Groups and Cubical Geometry, CUNY, August 1-5, 2011.
2. Examples of Group Actions, OSU, May 28-June 3, 2010.
3. Georgia International Topology Conference, June 2009.
4. FRG Conference, Park City, Utah, August, 2009.
5. RTG '09 Workshop on Geometric Group Theory, University of Michigan, April 2009.
6. The Triennial Ahlfors-Bers Colloquium, New Jersey, May 2009.
7. RTG WORKSHOP ON DYNAMICS OF TEICHMUELLER SPACE, University of Michigan, April 2008.

Extracurricular Activities

Camerata, choir (alto), at Yale University, September 2006-Dec 2007.
Hiking and traveling.