CONTACT
INFORMATION

Peter Lin
Stony Brook University
Stony Brook, NY 11794

EMPLOYMENT

Mathematical Sciences Research Institute, Berkeley, CA
Della Pietra Endowed Postdoctoral Fellow   Spring 2022

Stony Brook University, Stony Brook, NY
Detlef Gromoll Instructor   Since 2019

EDUCATION

University of Washington, Seattle, WA
PhD Mathematics   2013 to 2019
Advisor: Steffen Rohde

Monash University, Melbourne, Australia
BSc (Hons) Mathematics   2009 to 2012

IN PREPARATION

3. Conformal uniformization of random fractal surfaces

2. Conformally balanced trees and quadrature domains (with Oleg Ivrii, Steffen Rohde and Emanuel Sygal)

1. Equicontinuity of equipotential gluing for postcritically finite quadratics

PREPRINTS

3. Dyadic cancellation of Beltrami coefficients

2. Conformal welding of dendrites (with Steffen Rohde)

1. Quasisymmetry of semihyperbolic Julia set laminations

RESEARCH TALKS

1. University of Chicago Probability Seminar   May 12, 2023

2. AMS Eastern Sectional Meeting: Quasiconformal Analysis   March 31, 2023

3. Random Geometry and Statistical Physics Workshop, UPenn   October 28, 2022

4. On Geometric Complexity of Julia sets - IV, Będlewo   August 16, 2022

5. Analysis and Geometry of Random Spaces Workshop, MSRI, Berkeley March 31, 2022

6. Infosys Chandrasekharan Random Geometry Colloquium   August 9, 2021

7. Caltech Analysis Seminar   December 14, 2019

8. Stony Brook Dynamics Seminar   October 16, 2019

9. AMS Joint Sectional Meeting at the University of Hawaii, Honolulu,   March 22, 2019

10. Analysis and Geometry of Random Shapes, IPAM, Los Angeles   January 10, 2019

	11. Random Conformal Geometry, KIAS, Seoul	June 19, 2018
	12. Topics is Geometric Function Theory, Les Diablerets	February 11, 2018
	13. Analysis and Network Science, SIAM Central States, Colorado SU	September 30, 2017

CONFERENCE PARTICIPATION	• Quantum Fields and Probability, Institute Mittag-Leffler, Stockholm	August 4-8, 2022
	• Analysis, Dynamics, Geometry and Probability, SCGP, Stony Brook	March 2-6, 2020
	• Modern Aspects of Complex Analysis, UW Seattle	August 21-26, 2019
	• Workshop on Conformal Field Theory, UW Seattle	August 20-24, 2018
	• Scaling Limits of Random Planar Maps and LQG, Oberwolfach	October 15-21, 2017
	• Workshop on Random Geometry, MSU, Bozeman	August 14-18, 2017
	• Jyväskylä Summer School, Jyväskylä	August 8-23, 2016
	• Fields Medal Symposium (Smirnov), Fields Institute, Toronto	October 18-22, 2015
	• Workshop on Trees in Dynamics and Probability, MSU, Bozeman	August 2-8, 2015
	• Workshop on Conformal Mating, MSU, Bozeman	August 18-22, 2014
	• Complex Analysis in Probabilistic settings, UTK, Knoxville	June 16-19, 2014

AWARDS	• Hart F. Smith Graduate Endowed Fellowship, UW Math Department	2017
	• Top Scholar Award, UW Math Department	2013
	• Vice Chancellor's Honours-PhD Scholarship, Monash University	2012

TEACHING

Stony Brook University
- Instructor for MAT125: Calculus 1
- Instructor for MAT200: Logic, Language and Proof
- Instructor for MAT341: Applied Real Analysis
- Instructor for MAT303: Calculus IV
- Instructor for MAT516: Probability and Statistics for Teachers
- Instructor for MAT511: Fundamental Concepts in Mathematics
- Instructor for MAT331: Computer Assisted Mathematical Problem Solving

University of Washington
- Instructor for Introductory Differential Equations
- Grading Graduate Complex Analysis
- TA for Calculus I/II/III

Monash University
- TA for Calculus III

OUTREACH	• Washington Experimental Mathematics Lab - Mentor	2017
	• Washington Math Directed Reading Program - Mentor	2018