

## Steffen Rohde

Professor  
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### Education:

Habilitation in Mathematics, 1996, TU Berlin  
Ph.D. Mathematics, 1989, TU Berlin  
Diplom in Mathematics (Masters degree), 1987, TU Berlin

### Employment:

University of Washington	Professor	2002-
University of Washington	Associate Professor	1998-2002
TU Berlin	Assistant Professor	1992-1998

### Visiting Positions:

TU Berlin	Visiting Professor	Autumn 2014
IPAM and UCLA	Visiting Professor	Spring 2013
MSRI	Eisenbud Professor	January-May 2012
University of Orleans	Professor invite	June-July 2009
IPAM		Spring 2007
KITP (at UC Santa Barbara)		August-September 2006
Schroedinger Institute		Summer 2005
Paris Sud (Orsay)	Professor invite	June-July 2003
Mittag Leffler Institute		September 2001
CalTech	Visiting Associate	February-March 1997
Oberwolfach	Research-in-Pairs	Summer 1996
University of Michigan	Visiting Assistant Professor	1991-1992 and 1993-1994
UC SanDiego	Visiting Assistant Professor	January-August 1991

### Awards and Professional Recognition:

Robert B. Warfield, Jr., Faculty Fellow, University of Washington, July 2014

Eisenbud Professorship, MSRI, Spring 2012

My work with Don Marshall was featured as "NSF award highlight" on Research.gov in 2011

Continuous NSF support as Principal Investigator since 1998

Focused Research Group NSF grant "Geometric Function Theory: Perspectives for the 21st Century", 2003-2006

Co-PI on the European Union HCM research grant “Conformal Geometry and Geometric Function Theory”, 1993-1996

Feodor-Lynen Fellowship of the Alexander von Humboldt Foundation, 1992-1994

Fellow of the Studienstiftung des deutschen Volkes, 1983-1985

Bundessieger (1st place) in both West-German Mathematics competitions

”Bundeswettbewerb Mathematik” and ”Bundeswettbewerb Jugend-forscht”, 1982/83

### **Conferences co-organized:**

”SLE-workshop” at TU-Berlin, November 2014

Workshop on ”Probability on Trees and Planar Graphs” at Banff, September 2014

Ahlfors-Bers Colloquium at Yale 2014 and at Rice 2011

Summer schools in Bozeman 2014, Seattle 2012, UCLA 2011, Bozeman 2010 and Seattle 2009

Workshop on ”Quasiconformal Geometry and Elliptic PDEs” at IPAM, May 2013

Workshop on ”Statistical mechanics and conformal invariance” at MSRI in 2012

Conference ”Conformal maps, probability and physics” in Ascona, Switzerland, 2010

AMS special session on ”Geometric Function Theory” in Albuquerque, 2010

Juha Heinonen memorial conference on ”Quasiconformal Mappings and Analysis on Metric Spaces”, Ann Arbor, May 2008

IPAM ”Random Shapes” long program 2007

Conference ”Geometric Function Theory” in Ann Arbor, May 2006

”Dynamics, Probability, and Conformal Invariance”, Banff International Research Station, March 2005

”Workshop on Percolation, SLE and related topics”, Fields Institute, Toronto, September 2005

### **Selected recent and upcoming talks:**

20th Claude Itzykson conference on ”Random surfaces and Random Geometry” (June 2015), Newton Institute ”Geometry of Random Walks and SLE” (June 2015), Banff-workshop ”Computability, Analysis, and Geometry” (March 2015)

Colloquia at UIUC (2015), IMPAN (Warsaw/Poland) (2014), University of North Texas, Denton (2014), Stony Brook (2012), Barcelona (2009), Orleans (2009), Ann Arbor (2008)

Barrett Lectures at University of Tennessee (3 lectures), June 2014

32nd Annual ”Friends of Mathematics” Lecture at Kansas State University, May 2014

Mini-Course on Discrete Conformal Maps at ENS Lyon summer school "Statistical physics in Lugdunum", June 2013

Invited speaker at the Pacific Northwest Probability Seminar in Seattle 2011

Plenary speaker at the AMS Western Section in Albuquerque 2010

Plenary speaker at the Ahlfors-Bers Colloquium at Rutgers 2008

Various invited lectures at seminars and conferences (recent: Berlin 2014; UCLA 2013; Lyon 2013; Stanford, UC Davis, MSRI, ETH Zurich, TU Berlin 2012; past: in Canada, England, Finland, France, Germany, Israel, Italy, Netherlands, New Zealand, Sweden, Switzerland, Spain, USA)

### **Teaching and Service:**

I have taught undergraduate and graduate courses at TU Berlin, UC San Diego, University of Michigan, University of Washington, UCLA. Besides numerous undergraduate and first-year graduate courses, I have taught topics courses on Geometric Function Theory, Quasiconformal Mappings, Circle Packings, Complex Dynamics, SLE, and Geometric Group Theory.

I have directed two REU projects with three resp. four undergraduates at UW, regarding numerical solutions of the Loewner equation and the zipper algorithm.

I have supervised the masters thesis of Diana Poensgen (1998) and the Ph. D. thesis of Lukas Geyer (1999) in Berlin.

I have supervised the the Ph.D theses of Daniel Meyer (2005), Joan Lind (2005), Carto Wong (2012), Huy Tran (2014), and Joel Barnes (2014) at UW.

I have supervised the Postdoctoral students Alicia Canton (1998-2000), Ana Granados (1998-2000), Byung-Geun Oh (2004-2006), and sponsored the NSF Postdocs Jim Gill (2009-2012) and Brent Werness (since 2012).

I have served on several NSF panels (2007, 2009, 2010, 2013, 2015)

At UW, I have served as Chair of several committees (Colloquium, Milliman, Priorities), and as a member of the Graduate Admissions Committee, the Hiring Committee, and the Executive Committee.

I have served as reviewer of numerous Ph.D. theses both at UW and outside, and as reviewer of numerous promotion and tenure cases.