

Conference on Hyperbolic Geometry and Geometric Analysis

October 15-17, 2004, Wesleyan University

Schedule

Friday October 15

8:30 – 9:00 Tea: In Mathematics Lounge (*6th floor Exley Science Center.*)

Expository talks for graduate students (all welcome). The talks will be in *Public Affairs Center 125 (PAC 125)*.

9:30 – 10:30 Gaven Martin, “The Geometry of Kleinian groups.”

10:45 – 11:45 Yair Minsky, “Deformations of Kleinian groups.”

Lunch break

Main Conference begins in *The Exley Science Center 150 (SC 150)*.

noon – 5:30 **Registration in the Science Center Lobby** (outside SC 150): get your registration materials, pay for the banquet.

1:00 – 1:05 Opening ceremonies (the torch enters the stadium)

1:05 – 1:10 Opening Remarks by Carol Wood, Chair of the Department of Mathematics and Computer Science Wesleyan University.

1:15 – 1:45 Dragomir Saric, “Extremal Maps Between Hyperbolic Laminations.”

2:00 – 2:30 Zeno Huang, “On Asymptotic Weil-Petersson Geometry of Teichmüller Space.”

2:45 – 3:45 Bernard Maskit, “On Neoclassical Schottky Groups.”

Tea Break

4:15 – 4:45 John Holt, “Non-accumulation of components of deformation spaces of hyperbolic 3-manifolds.”

5:00 – 6:00 Howard Masur, “Rational Billiards, and the $SL(2, \mathbb{R})$ action on the moduli spaces of Abelian differentials.”

Saturday October 16 *Talks in SC 150.*

8:30 – 12:30 Registration in the Science Center Lobby (outside SC 150): get your registration materials, pay for the banquet.

9:00 – 10:00 Gaven Martin, “The Generalized Lichnerowicz Conjecture: Rational maps of manifolds.”

Coffee Break

10:30 – 11:00 David Dumas, “Grafting, Pruning, and the Teichmüller Geodesic Involution.”

11:15 – 12:15 Linda Keen, “Hyperelliptic Handlebodies.”

Lunch break

1:45 – 2:45 Ian Agol, “Rank and Heegaard genus of arithmetic 3-manifolds.”

3:00 – 3:30 Chris Leininger, “A combination theorem for Veech subgroups of the mapping class group.”

Tea Break

4:00 – 5:00 Yair Minsky, “Geometry of Weil-Petersson geodesics.”

6:00 – ?? Banquet at Middletown Inn.

Sunday October 17 *Talks in SC 150.*

9:00 – 10:00 Jeff Brock, “Pants decompositions of surfaces and volumes of hyperbolic 3-manifolds: a postmodern perspective.”

Coffee Break

10:30 – 11:30 Ken Bromberg, “The density conjecture for Kleinian groups with bounded geometry.”

11:45 – 12:45 David Gabai, “Shrinkwrapping and the taming of hyperbolic 3-manifolds.”

12:45 – 1:00 Closing ceremonies (the torch leaves the stadium)