

Conformal Structures and Dynamical systems

CODY SUMMER SCHOOL

Program Towards Higher Dimensions June 23–June 29 2008

Monday, June 23

9:30–10:15 Registration

10:15–10:30 Opening of Workshop

10:30–11:45: A. Zorich (Université de Rennes 1): Geometry and dynamics of flat surfaces I.

15:00–17:00: Short Communications:

15:00–15:30 R. Miles (Stockholm): Orbit counting for dynamical systems arising from nilpotent group actions.

15:30–16:00 N. Snigireva (Bremen): Divergence points of self-similar measures and packing dimension.

16:00–16:30 Mario Roy (York University Toronto): Analytic families of holomorphic IFSs.

16:30– Poster Session: H. Mihaljevic-Brandt (Liverpool): Topological dynamics of entire functions.

Tuesday, June 24

9:15–10:30 E. Bedford (Indiana University): Dynamics of holomorphic surface maps I.

10:45–12:00 A. Zorich (Université de Rennes 1): Geometry and dynamics of flat surfaces II.

15:00–14:45 K. Gelfert (Northwestern University): On the spectrum of Lyapunov exponents.

16:00–16:45 C. Wolf (University of Wichita): The thermodynamic formalism: periodic orbits and applications.

17:00–17:45 M. Stadlbauer (Jacobs University Bremen): Almost symmetric group extensions of topological Markov chains.

Wednesday, June 25

9:15–10:30 V. Kaimanovich (Jacobs University Bremen): Random graphs and equivalence relations I.

10:45–12:00 A. Zorich (Université de Rennes 1): Geometry and dynamics of flat surfaces III.

14:00– Excursion: Plesseburg: walking, sightseeing, relaxing...

Thursday, June 26

9:15–10:30 E. Bedford (Indiana University): Dynamics of holomorphic surface maps II.

10:45–12:00 V. Kaimanovich (Jacobs University Bremen): Random graphs and equivalence relations II.

15:00–15:45 K. Falk (Maynooth University): Hyperbolic manifolds with dimension gap.

16:00–16:45 A. Benini (SUNY): About Misiurewicz parameters for the exponential family.

17:00–17:45 H. Inou (Université de Toulouse): Extending local analytic conjugacy.

: 18:30 Grill Party (Mathematisches Institut: Backyard)

Friday, June 27

9:15–10:30 E. Bedford (Indiana University): Dynamics of holomorphic surface maps II.

10:45–12:00 V. Kaimanovich (Jacobs University Bremen): Random graphs and equivalence relations III.

14:00–16:00: Short Communications:

14:00–14:30 Michal Szostakiewicz (Academy of Science Warsaw):

14:30–15:00 Christian Bick (Göttingen): Iteration of algebraic and analytic relations.

15:00–15:30 Keivan Mallahi Karai (Bremen): tba