

Semester on Hyperbolic Dynamical Systems: Week 3 Program

9–13 June, 2008, Vienna, Erwin Schrödinger Institute

Monday, June 9

9.30–10.30	N. Chernov , University of Alabama at Birmingham MINICOURSE: Coupling methods for hyperbolic maps and flows I.
10.30–11.00	Coffee, Tea
11.00–12.00	P. Bálint and I. P. Tóth , TU Budapest MINICOURSE: An application of Young's tower method: exponential decay of correlations for multidimensional dispersing billiards I.
14.00–15.00	D. Dolgopyat , University of Maryland MINICOURSE: Martingale approach to Limit Theorems for Hyperbolic Dynamical systems I.
15.00–15.30	Coffee, Tea

Tuesday, June 10

14.00–15.00	Ya. Pesin , Pennsylvania State University Thermodynamics of towers and the liftability problem
15.15–15.45	H. Hu , Michigan State University Convergence rates of the transfer operators for sigma finite measures
15.45–16.15	Coffee, Tea
16.15–17.15	N. Haydn , University of Southern California The distribution of measures of cylinder sets for uniformly strong mixing measures

Wednesday, June 11

9.30–10.30	N. Chernov , University of Alabama at Birmingham MINICOURSE: Coupling methods for hyperbolic maps and flows II.
10.30–11.00	Coffee, Tea
11.00–12.00	P. Bálint and I. P. Tóth , TU Budapest MINICOURSE: An application of Young's tower method: exponential decay of correlations for multidimensional dispersing billiards II.
14.00–15.00	D. Dolgopyat , University of Maryland MINICOURSE: Martingale approach to Limit Theorems for Hyperbolic Dynamical systems II.
15.00–15.30	Coffee, Tea

Thursday, June 12

14.00–15.00	S. Luzzato , Imperial College, London Invariant measures for interval maps with critical points and singularities
15.15–15.45	F. Barra , Universidad de Chile Dynamics in the Self-Similar Lorentz Channel
15.45–16.15	Coffee, Tea
16.15–17.15	Yu. Kifer , Hebrew University, Jerusalem Nonconvergence examples in averaging

Friday, June 13

9.30–10.30	N. Chernov , University of Alabama at Birmingham MINICOURSE: Coupling methods for hyperbolic maps and flows III.
10.30–11.00	Coffee, Tea
11.00–12.00	P. Bálint and I. P. Tóth , TU Budapest MINICOURSE: An application of Young's tower method: exponential decay of correlations for multidimensional dispersing billiards III.
14.00–15.00	D. Dolgopyat , University of Maryland MINICOURSE: Martingale approach to Limit Theorems for Hyperbolic Dynamical systems III.
15.00–15.30	Coffee, Tea