

Summer School 2007 Schedule

	June 11	June 12	June 13	June 14	June 15
8:30-9:30	Registration				
9:30-10:30	J-C. Yoccoz <i>Interval exchange maps and translation surfaces</i>	J-C. Yoccoz <i>Interval exchange maps and translation surfaces</i>	J-C. Yoccoz <i>Interval exchange maps and translation surfaces</i>	J-C. Yoccoz <i>Interval exchange maps and translation surfaces</i>	J-C. Yoccoz <i>Interval exchange maps and translation surfaces</i>
11:00-12:00	G. Margulis <i>Informal introduction to unipotent flows</i>	M. Einsiedler & E. Lindenstrauss <i>Diagonalizable actions and arithmetic applications</i>	M. Einsiedler & E. Lindenstrauss <i>Diagonalizable actions and arithmetic applications</i>	M. Einsiedler & E. Lindenstrauss <i>Diagonalizable actions and arithmetic applications</i>	M. Einsiedler & E. Lindenstrauss <i>Diagonalizable actions and arithmetic applications</i>
12:00-1:00 Lunch	L	U	N	C	H
1:00-3:00 Registration	<i>Reimbursement</i>	<i>Reimbursement</i>	<i>Reimbursement</i>	<i>Reimbursement</i>	
3:00-4:00	S. Katok <i>Fuchsian groups, geodesic flows, and symbolic coding of geodesics</i>	S. Katok <i>Fuchsian groups, geodesic flows, and symbolic coding of geodesics</i>	S. Katok <i>Fuchsian groups, geodesic flows, and symbolic coding of geodesics</i>	S. Katok <i>Fuchsian groups, geodesic flows, and symbolic coding of geodesics</i>	
4:15-5:15	A. Eskin & D. Kleinbock <i>Unipotent flows and applications</i>	G. Margulis <i>Informal introduction to unipotent flows</i>	A. Eskin & D. Kleinbock <i>Unipotent flows and applications</i>	A. Eskin & D. Kleinbock <i>Unipotent flows and applications</i>	A. Eskin & D. Kleinbock <i>Unipotent flows and applications</i>

	June 18	June 19	June 20	June 21	June 22
9:30-10:30	M. Einsiedler & E. Lindenstrauss <i>Diagonalizable actions and arithmetic applications</i>	M. Einsiedler & E. Lindenstrauss <i>Diagonalizable actions and arithmetic applications</i>	M. Einsiedler & E. Lindenstrauss <i>Diagonalizable actions and arithmetic applications</i>	M. Einsiedler & E. Lindenstrauss <i>Diagonalizable actions and arithmetic applications</i>	M. Einsiedler & E. Lindenstrauss <i>Diagonalizable actions and arithmetic applications</i>
11:00-12:00	A. Eskin & D. Kleinbock <i>Unipotent flows and applications</i>	A. Eskin & D. Kleinbock <i>Unipotent flows and applications</i>	A. Eskin & D. Kleinbock <i>Unipotent flows and applications</i>	A. Eskin & D. Kleinbock <i>Unipotent flows and applications</i>	A. Eskin & D. Kleinbock <i>Unipotent flows and applications</i>
12:00-1:00 Lunch	L	U	N	C	H
2:30-3:30		J-C. Yoccoz <i>Interval exchange maps and translation surfaces</i>	J-C. Yoccoz <i>Interval exchange maps and translation surfaces</i>	J-C. Yoccoz <i>Interval exchange maps and translation surfaces</i>	G. Harcos <i>Equidistribution of Heegner points and L-functions (2-3pm)</i>
4:00-5:00	J-C. Yoccoz <i>Interval exchange maps and translation surfaces</i>				

	June 25	June 26	June 27	June 28	June 29
9:30-10:30	A. Eskin & D. Kleinbock <i>Unipotent flows and applications</i>	A. Eskin & D. Kleinbock <i>Unipotent flows and applications</i>	A. Eskin & D. Kleinbock <i>Unipotent flows and applications</i>	A. Eskin & D. Kleinbock <i>Unipotent flows and applications</i>	A. Eskin & D. Kleinbock <i>Unipotent flows and applications</i>
11:00-12:00	M. Einsiedler & E. Lindenstrauss <i>Diagonalizable actions and arithmetic applications</i>	J-C. Yoccoz <i>Interval exchange maps and translation surfaces</i>	J-C. Yoccoz <i>Interval exchange maps and translation surfaces</i>	J-C. Yoccoz <i>Interval exchange maps and translation surfaces</i>	J-C. Yoccoz <i>Interval exchange maps and translation surfaces</i>
12:00-1:00 Lunch	L	U	N	C	H
2:30-3:30	G. Harcos <i>Equidistribution of Heegner points and L-functions</i>	S. Mozes <i>Homogeneous flows, buildings and tilings</i>	S. Mozes <i>Homogeneous flows, buildings and tilings</i>	N. Templier <i>Review of Vatsal's work on equidistribution and non-vanishing of L-functions</i>	M. Einsiedler & E. Lindenstrauss <i>Diagonalizable actions and arithmetic applications (2:00-3:00)</i>
4:00-5:00	J-C. Yoccoz <i>Interval exchange maps and translation surfaces</i>	M. Einsiedler & E. Lindenstrauss <i>Diagonalizable actions and arithmetic applications</i>	M. Einsiedler & E. Lindenstrauss <i>Diagonalizable actions and arithmetic applications</i>	M. Einsiedler & E. Lindenstrauss <i>Diagonalizable actions and arithmetic applications</i>	Y. Manin <i>Modular Shadows (3:30-4:30)</i>

	July 2	July 3	July 4	July 5	July 6
9:30-10:30	H. Oh <i>Counting and equidistribution on homogeneous spaces, via mixing and unipotent flows</i>	H. Oh <i>Counting and equidistribution on homogeneous spaces, via mixing and unipotent flows</i>	H. Oh <i>Counting and equidistribution on homogeneous spaces, via mixing and unipotent flows</i>	N. Anantharaman <i>Eigenfunctions of the laplacian: a semiclassical study</i>	N. Anantharaman <i>Eigenfunctions of the laplacian: a semiclassical study</i>
11:00-12:00	G. Forni <i>On the regularity of solutions of the cohomological equation for IET's and translation flows</i>	J. Marklof <i>The distribution of free path lengths in the periodic Lorentz gas</i>	A. Venkatesh <i>Equidistribution on homogeneous spaces and analytic theory of L-functions</i>	A. Venkatesh <i>Equidistribution on homogeneous spaces and analytic theory of L-functions</i>	A. Venkatesh <i>Equidistribution on homogeneous spaces and analytic theory of L-functions</i>
12:00-1:00 Lunch	L	U	N	C	H
2:30-3:30	N. Anantharaman <i>Eigenfunctions of the laplacian: a semiclassical study</i>	N. Anantharaman <i>Eigenfunctions of the laplacian: a semiclassical study</i>	A. Gamburd <i>Uniform spectral gap bounds and arithmetic applications</i>	C. Ulcigrai <i>Multi-valued Hamiltonians and Birkhoff sums over rotations and IET</i>	A. Gamburd <i>Uniform spectral gap bounds and arithmetic applications (2:00-3:00)</i>
4:00-5:00	A. Avila <i>Chaoticity of the Teichmuller flow</i>	A. Avila <i>Chaoticity of the Teichmuller flow</i>	M. Mirzakhani <i>Random hyperbolic surfaces and measured laminations</i>	A. Avila <i>Chaoticity of the Teichmuller flow</i>	A. Avila <i>Chaoticity of the Teichmuller flow (3:30-4:30)</i>