

First Palis-Balzan International Symposium on Dynamical Systems

IMPA, Rio de Janeiro, from 25/06 to 29/06.

Program

Hour	Monday 25	Tuesday 26	Wednesday 27	Thursday 28	Friday 29
09:30 - 10:20	Registration and Check in	V. PINHEIRO Measures with historic behavior	S. NEWHOUSE The Lorenz Equations: A Survey of Rigorous Results	S. VAN STRIEN On stochastic stability of expanding circle maps with neutral fixed points	P. GUARINO joint work with de MELO Rigidity of Critical Circle Map
10:20 - 10:40	Coffee Break				
10:40 - 11:30	A. AVILA On the metric properties of Feigenbaum Julia sets	M. LYUBICH On homoclinic tangencies in the complex Henon family	C. M. SANTOS Fractal geometry of non-uniformly hyperbolic horseshoes	E. PUJALS "Critical points"; for surfaces diffeomorphisms, abundance of periodic orbits and structural stability	P. BERGER Zoology in the Hénon family from twin baby Hénon like attractors
12:00 - 02:00	Lunch				
14:00 - 14:50	L. DIAZ Robust vanishing of all central Lyapunov exponents	M. SAMBARINO Some questions, problems and remarks regarding C^r dynamics	M. VIANA Time 1 maps of geodesic flows	S. CROVISIER Newhouse phenomenon and uniformity of extremal bundles	C. MOREIRA On the Continuity of Fractal Dimensions of Horseshoes on Dimension 3
15:00 - 15:25	J. E. LÓPEZ Stable projections of cartesian products of regular Cantor sets	R. POTRIE Partial hyperbolicity and leaf conjugacy in nilmanifolds	A. KOCSARD Distributionally uniquely ergodic diffeomorphisms	A. KOROPECKI Prime ends rotation number and periodic points	J. R. VARÃO Center foliation: Absolute continuity, Disintegration and Rigidity
15:35 - 16:00	L. H. FIGUEIREDO Images of Julia sets that you can trust	D. ZMIAIKOU Square-tiled surfaces and generating the symmetric group	J. YANG Diffeomorphisms with Contracting Center	W. SILVA On the geometry of horseshoes	Y. LIMA Stationary spaces of discrete groups: an Abramov formula
16:00 - 16:20	Coffee Break				
16:20 - 17:10	A. ROVELLA Structural stability in dimension two	M. MARTENS On the Hyperbolicity of Lorenz Renormalization	M. J. PACIFICO Fiber contracting maps versus Lorenz-like attractors	C. BONATTI Foliated hyperbolicity	J-C. YOCCOZ Perturbations of Roth type interval exchange maps and translation Surfaces
17:30 - 18:00	Opening Ceremony			N. GOURMELON C^r dichotomies between Newhouse phenomena and dominated splittings, at homoclinic points	
18:00 - 19:30				Cocktail	