



INTERNATIONAL CONFERENCE ON DYNAMICAL SYSTEMS - ICDS
 IMPA - Rio de Janeiro. October, 24th - 28th, 2022

Program

Time	Monday, 24	Tuesday, 25	Wednesday, 26	Thursday, 27	Friday, 28
8:30 - 9:30	Registration				
9:15 - 10:00	Opening				
10:00 - 10:45	Dynamics, multifractals, and harmonic measure Stanislav Smirnov (Geneve)	Constructing nonhyperbolic ergodic measures (with positive entropy) Lorenzo Diaz (PUC-Rio)	Billiards and the Lorentz gas Carlangelo Liverani (Rome Tor Vergata)	Random square-tiled surfaces of large genus and random interval exchange transformations of large number of intervals Anton Zoritch (Paris-Jussieu)	Flexibility of statistical properties in smooth dynamics Dmitry Dolgopyat (Maryland)
10:45 - 11:15	Coffee Break				
11:15 - 12:00	The Modular Mandelbrot set Luna Lomonaco (IMPA)	On local spectral rigidity of expanding circle maps Vadim Kaloshin (IST Austria)	Structure of Feigenbaum Henon maps Mikhail Lyubich (Stony Brook)	Continuity of center Lyapunov exponents Karina Marin (UFMG)	Attractors of derived from Anosov diffeomorphisms Rafael Potrie (CMAT)
12:00 - 13:00	Lunch		12:15 On the Work of Marcelo Viana Artur Avila (IMPA & Zürich) Lorenzo Diaz (PUC-RJ)	Lunch	
13:00 - 14:00			Free Afternoon		
14:00 - 14:45	Stability of the Lyapunov exponents under random noise Silvius Klein (PUC-Rio)	Dynamics of Heterogeneous Networks Tiago Pereira (USP-ICMC)		Existence of physical measures for smooth surface diffeomorphisms Sylvain Crovisier (Paris-Saclay)	Bounded Cohomology and dynamics Federico Rodriguez-Hertz (Penn State)
15:00 - 15:45	Measures of maximal u-entropy for maps that factor over Anosov Jiagang Yang (UFF)	Regularity of the Lyapunov exponents of random $SL(2, \mathbb{R})$ cocycles Pedro Duarte (Lisbon)		On the denseness of finitude of sinks Carlos Gustavo Moreira (IMPA)	Newhouse phenomenon in the complex Hénon family, and homoclinic bifurcations Artur Avila (IMPA & Zürich)
15:45 - 16:15	Coffee Break		Coffee Break		
16:15 - 17:00	Coexistence phenomena in two-dimensional maps Michael Benedicks (KTH-Sweden)	Brjuno functions, Hölder continuity and modular forms Stefano Marmi (SNS-Pisa)			
17:00 - 19:00	Reception		Conference Dinner 19:00		