

# Complex Dynamics in the Tropics

IMPA - Rio de Janeiro, November 28 - December 02, 2022

Ricardo Mañé Auditorium

## Monday, 28

10:00	Registration / Check-in
10:50 - 11:50	M. Shishikura - Tropical complex dynamics
11:50 - 12:50	S. Bullett - Holomorphic correspondences, matings, and Klein's combination theorem
12:50 - 15:00	Lunch Break
15:00 - 16:00	L. Rempe - A counterexample to Eremenko's conjecture
16:00 - 17:00	T. Firsova - TBA
17:00 - 17:20	Coffee Break
17:20 - 18:20	M. Yampolski - Renormalization hyperbolicity and rigidity for analytic homeomorphisms of the circle
18:20 - 20:20	Cocktail

## Tuesday, 29

10:00 - 11:00	M. Lyubich - Mirrors of Conformal Dynamics: Julia sets, Kleinian groups, Schwarz reflections, and algebraic correspondences
11:00 - 11:20	Coffee Break
11:20 - 12:20	S. Mukherjee - Dynamics of algebraic correspondences and mating phenomena
12:20 - 13:20	A. Benini - Bifurcations in families of meromorphic maps
13:20 - 15:00	Lunch Break and Poster Session
15:00 - 16:00	A. Bonifant - The Rabbit Escape Regions
16:00 - 17:00	D. Cheraghi - TBA

## Wednesday, 30

10:00 - 11:00	P. Roesch - Description of some bifurcation locus for rational maps
11:00 - 11:20	Coffee Break
11:20 - 12:20	A. de Carvalho - Structures on 2- and 3-manifolds coming from dynamical systems
12:20 - 13:20	S. Zakeri - Near-parabolic points and Hausdorff limits of external rays
	Free Afternoon

## Thursday, 01

10:00 - 11:00	L. de Marco - Lattès maps and bifurcations
11:00 - 11:20	Coffee Break
11:20 - 12:20	D. Dudko - Near-neutral Renormalization and its applications in Complex Dynamics
12:20 - 13:20	J. Rivera-Letelier - TBA
13:20 - 15:00	Lunch Break and Poster Session
15:00 - 16:00	R. Tanase - TBA
16:00 - 17:00	D. Smania - Deformations of one-dimensional maps
18:30	Conference Dinner - Corrientes 348

## Friday, 02

10:00 - 11:00	A. Epstein - TBA
11:00 - 11:20	Coffee Break
11:20 - 12:20	H. Inou - Tuning and quasiconformal surgery
12:20 - 13:10	N. Fagella - Boundary dynamics for holomorphic sequences, non-autonomous dynamical systems and wandering domains

BRT time