

# VIII Workshop on Conservative Dynamics and Symplectic Geometry

IMPA, Rio de Janeiro, August 14 - 18, 2023

Ricardo Mañé Auditorium

## Monday, 14

09:00 - 10:00	Registration
10:00 - 11:00	Viktor Ginzburg - Invariant Sets and Hyperbolic Periodic Orbits of Reeb Flows
11:00 - 11:30	Coffee Break
11:30 - 12:30	Umberto Hryniewicz - Quantitative refinements of various conjectures in 3D Reeb dynamics, and some results
12:30 - 14:30	Lunch
14:30 - 15:30	Oliver Edtmair - The local strong Viterbo conjecture
15:30 - 16:00	Coffee Break
16:00 - 17:00	Basak Gurel - The spectral norm, rigidity and all that

## Tuesday, 15

10:00 - 11:00	Miguel Abreu - Symmetric periodic Reeb orbits on the sphere and contact homology of Lens spaces
11:00 - 11:30	Coffee Break
11:30 - 12:30	Mihai Damian - Morse type theories with differential graded coefficients
12:30 - 14:30	Lunch
14:30 - 15:30	Matthias Meiwes - Linking in horseshoes and 3-dimensional Reeb flows
15:30 - 16:00	Coffee Break
16:00 - 17:00	Marco Mazzucchelli - On the local maximizers of higher capacity ratios
17:00 - 19:00	Cocktail

## Wednesday, 16

10:00 - 11:00	Egor Shelukhin - Quantum Steenrod powers and Hamiltonian maps
11:00 - 11:30	Coffee Break
11:30 - 12:30	Zhengyi Zhou - On fillings of contact links of isolated quotient singularities

## Thursday, 17

10:00 - 11:00	Michael Brandenbursky - Lp-geometry of diffeomorphism groups: old and new results
11:00 - 11:30	Coffee Break
11:30 - 12:30	Simon Allais - Contact orderability and spectral selectors
12:30 - 14:30	Lunch
14:30 - 15:30	Brayan Ferreira - ECH spectral invariants and applications to Reeb flows on $RP^3$
15:30 - 16:00	Coffee Break
16:00 - 17:00	Rohil Prasad - Low-action holomorphic curves and invariant sets
19:15	Conference Dinner

## Friday, 18

10:00 - 11:00	Marcelo Atallah - Fixed points of small Hamiltonian diffeomorphisms and the flux conjectures
11:00 - 11:30	Coffee Break
11:30 - 12:30	Michael Hutchings - Dynamical zeta functions of open symplectic domains