Workshop on Conservative Dynamics and Symplectic Geometry
Semestre Temático - Dynamics Beyond Uniform Hyperbolicity
IMPA, Rio de Janeiro, from 09/02 to 09/06

Program ~ Auditorium Ricardo Mañe

Hour	Monday, 2	Tuesday, 3	Wednesday, 4	Thursday, 5	Friday, 6
9:00 – 10:00	Registration				
10:00 - 11:00	**Claude Viterbo** Some results and problems in C° symplectic topology	**Chris Wendl** When is a Stein structure merely symplectic?	**Marco Mazzucchelli** On isometry-invariant Geodesics in Product Manifolds	**Eleny Ionel** Gopakumar-Vafa conjecture for symplectic manifolds	**Michael Usher** Lagrangian submanifolds of complex projective space
11:00 – 11:30	Coffee Break				
11:30 - 12:30	**Marian Gidea** Shadowing Lemmas for Normally Hyperbolic Invariant Manifolds and Applications to the Hamiltonian Instability Problem	**Umberto Hryniewicz** Multiplicity results for periodic orbits of tight Reeb flows on the three-sphere	**Miguel Abreu** Dynamical convexity and elliptic orbits for Reeb flows	**Pedro Salomão** A dynamical characterization of Lens spaces	**Richard Siefring** Intersection and embedding controls for punctured pseudoholomorphic curves
12:30 – 14:30	Lunch		Free Afternoon	Lunch	
14:30 - 15:30	**Barney Bramham** An approach to some questions about Hamiltonian surface maps using pseudo-holomorphic curves	**Mihai Damian** On the topology of the monotone Lagrangian submanifolds		**Will Merry** Orderability, contact non-squeezing, and Rabinowitz Floer homology	**François Lalonde** Local Hofer Geometry
15:30 – 16:30	Coffee Break			Coffee Break	
16:30 - 17:30	**Alberto Abbondandolo** Middle-dimensional squeezing and non-squeezing	**Michael Hutchings** Beyond the Weinstein conjecture in threee dimensions		**Fabian Ziltener** Coisotropic Submanifolds of Symplectic Manifolds, Leafwise Fixed Points, and a Discontinuous	
17:30		COCKTAIL			