# Second Palis-Balzan International Symposium on Dynamical Systems

**Institut Henri Poincaré, Paris, from June 10-14, 2013**

## Program

| Hour | Monday 10 | Tuesday 11 | Wednesday 12 | Thursday 13 | Friday 14 |
|---|---|---|---|---|---|
| 09:00 - 09:30 | Registration and Check-in | | | | |
| 09:30 - 10:20 | **A. AVILA** The Billiard on the regular polygon | **M. LYUBICH** Dynamics of dissipative polynomial automorphisms of C^2 | **S. NEWHOUSE** A partial linearization theorem for three dimensional vector fields and applications | **S. VAN STRIEN** Stochastic stability of expanding circle maps with neutral xed point | **P. GUARINO** Geometric rigidity of critical circle maps |
| 10:20 - 10:40 | Coffee Break | | | | |
| 10:40 - 11:30 | **M. J. PACIFICO** On measure expansive diffeomorphisms | **J. BUZZI** Diffeomorphisms without measures of maximal entropy | **E. PUJALS** Minimality or density of periodic points for transitive attractors. | **A.KOROPECKI** Strictly toral dynamics | **P. BERGER** Two results around the positive metric entropy conjecture for the standard map |
| 12:00 - 14:00 | Lunch | | | | |
| 14:00 - 14:50 | **L. DIAZ** Flip-flops in a blender. Robust existence of non-hyperbolic ergodic measures | **M. SAMBARINO** Dynamical coherence for partially hyperbolic diffeomorphisms istopic to Anosov | **C. MOREIRA** Dynamical Markov and Lagrange Spectra and Geodesic Flows | **A. KOCSARD** Livsic theorem for diffeomorphism cocycles | **J. RODRIGUEZ-HERTZ** Partial hyperbolicity in dimension 3 |
| 15:00 - 15:30 | **A. HAMMERLINDL** Ergodicity and Classification of Partially Hyperbolic Systems | **P. BRANDÃO** On the Finiteness of Attractors for Maps of the Interval allowing Discontinuities | **R. LEPLAIDEUR** SRB measures for Almost Axiom-A diffeomorphisms. End of the story. | **S. ALVAREZ** Ergodic study of some foliations | **Y. LIMA** Ergodicity of skew products over shifts of finite type |
| 15:40 - 16:10 | **W. DE MELO** Rigidity of Critical Circle maps | **R. POTRIE** Geometric properties of partially hyperbolic attractors | **J. YANG** Dynamical behavior of ergodic measure along weak direction | **Y. SHI** Hyperbolic Dynamics on Heisenberg Nilmanifolds | **A. ZORICH** Right-angled billiards and volumes of moduli spaces in genus zero |
| 16:10 - 16:30 | Coffee Break | | | | |
| 16:30 - 17:20 | **N. GOURMELON** Lyapunov exponents along periodic orbits for $C^r$ generic dynamics | **M. MARTENS** Generalized Henon Renormalization | **M. VIANA** Partially hyperbolic maps with 2-dimensional center | **C. BONATTI** Pesin theory for C1-dynamics: a story of domination | |
| 17:30 - 18:20 | **OPENING CEREMONY COKTAIL** | **C. M. SANTOS** Finiteness of algebraically primitive closed SL (2,R)-orbits in moduli spaces | **S. CROVISIER** Horseshoes with large entropy | **V. DELECROIX** Wind-tree models | |