

Title: Minimal yet measurable foliations

Ali Tahzibi - (USP-S. Carlos)

Abstract: In this talk we construct a robust example of partially hyperbolic diffeomorphisms where the central foliation is minimal yet measurable. By measurability we mean `a la Rokhlin definition of measurability for partitions. The class of diffeomorphism under construction has some surprising properties in terms of central Lyapunov exponents and transverse entropies. These results are joint wiith Gabriel Ponce and José Régis.