



# Seminário de Sistemas Dinâmicos da UFF

---

## PARTIALLY HYPERBOLIC Diffeomorphisms ON 3-MANIFOLDS OBTAINED BY BONATTI-PARWANI-POTRIE MECHANISM

**Jinhua Zhang**

Université Paris-Sud (Orsay)

**Data:** 28 de Setembro - Sexta-feira

**Hora:** 16h

**Local:** Sala 407, 4º Andar, Bloco H, Campus do Gragoatá.

### Resumo

We will first talk about a mechanism (given by Bonatti-Parwani-Potrie) for building dynamically coherent partially hyperbolic diffeomorphisms which are different from the classical ones in the sense of leaf conjugacy. Then we will talk about my work with C. Bonatti that we obtain more general new examples. At last, we will talk about some topological properties of the invariant foliations of such examples.