# Mês de:        Maio 2009

## SEMINÁRIO DE SISTEMAS DINÂMICOS

**Dia 21 de Maio (quinta-feira)**, às **11h00** na Sala B3-01

"Almost random works of slow variables"

*Vassili Gelfreich*

(Warwick University, Warwick Mathematics Institute)

**Abstract:**

In this lecture we study dynamics of a (deterministic) slow-fast Hamiltonian system assuming that the fast subsystem is chaotic. I will show that this fast chaos forces slow variables to evolve in a way which resembles a random work. The description will use symbolic dynamics and normal hyperbolicity as technical tools, and I will provide an introduction to these topics.

Local:
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**Entrada**

ENTRECAMPOS