

UNICAMP – IMECC  
Departamento de Matemática

## Seminário de Sistemas Dinâmicos e Estocásticos

**Expositor:** V. Pit (UNICAMP)

**Título:** Symbolic coding for hyperbolic surfaces of finite volume

**Data:** Sexta-feira, 9 de novembro de 2012, 14h

**Local:** Sala 321 do IMECC

**Resumo.** There are several ways of encoding the action at the infinity of a surface group of finite covolume by a subshift of finite type. One such way is given by the Bowen-Series transform associated with any good fundamental domain for the action of the group on the hyperbolic plane. I will describe how it is constructed and explain how it links indirectly the geodesic flow on the surface with the eigenfunctions of the laplacian.

Consulte a programação em [[www.ime.unicamp.br/ssde](http://www.ime.unicamp.br/ssde)].