



# Seminário de Sistemas Dinâmicos da UFF

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## TOEPLITZ FLOWS AND MODEL SETS (QUASICRYSTALS)

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### **Atenção: Mudança de dia e hora!**

**Data:** 10 de Novembro - Quinta-feira

**Hora:** 16h.

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

### **Resumo**

We describe a link between a well-known class of minimal symbolic dynamical systems, so-called Toeplitz flows, and model sets that appear in the mathematical theory of quasicrystals and are constructed via cut-and-project schemes. The correspondence principle we present includes a precise matching of the system parameters. This allows to answer some long-standing questions, going back to Moody and Schlottmann, concerning the entropy and (lack of) unique ergodicity of model sets. This is joint work with Michael Baake (Bielefeld) and Daniel Lenz (Jena).