

# Seminário de sistemas dinâmicos e estocásticos

IMECC - UNICAMP

## Deterministic homogenization for fast-slow dynamical systems with hyperbolicity

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### Resumo:

We consider deterministic fast-slow systems where the fast dynamics is assumed to be (non)uniform hyperbolic. The aim is to prove that the slow dynamics converges to a stochastic differential equation (with the correct interpretation of the stochastic integrals). Various results in this direction will be described.

**Data:** 07 de fevereiro de 2020 - 11:00.

**Local:** Sala 321 do IMECC.

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