Universidade de Brasília
Departamento de Estatística

UnB

O Programa de Pós-Graduação em Estatística convida para:

# WEBINAR

## A Functional Central Limit Theorem for Gibbs Measures

**Palestrante:**
Prof. Leandro Cioletti (MAT-UnB)

DATA: 27/08/2020 (quinta-feira)
HORÁRIO: 14:00h (horário local de Brasília)
O seminário é público e poderá ser assistido pelo link
https://meet.google.com/oas-waxj-ssm

**Resumo**

In this talk, we will present a new version of a Functional Central Limit Theorem (FCLT) for Gibbs measures defined on compact metric state spaces. We will embed a large class of stochastic processes in this framework and show how to extend the FLCT to such processes. The primary tool is the spectral analysis of a suitable transfer operator. Our result's remarkable feature is that it does not require the spectral gap property and applies to non-local observables.

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