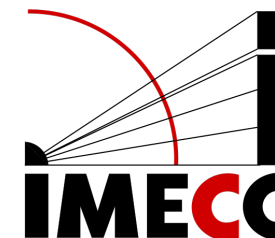




Workshop on Stochastic Analysis

IMECC - Unicamp

From August 10th to 13th, 2026



Tommaso Rosati
(University of Warwick)

Ergodicity for the $Exp(\Phi)$ model

Abstract

We prove that the massless $Exp(\Phi)$ parabolic stochastic PDE is globally well-posed and ergodic under a small drift assumption. This is the first stochastic quantisation result for the massless equation. The proof is based on nonlinear damping and a low mode decoupling. Joint work with G. Cannizzaro and T. Galanis.