Boğaziçi
MATH GRAD SEMINAR

Introduction to Regularity Structures

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Abstract: This talk will serve as a gentle introduction to the theory of regularity structures. We will mostly focus on the main motivations behind it and what kind of results we can prove with this framework. We will focus on the generalized Parabolic Anderson Model (stochastic heat equation with multiplicative noise) as a prototypical example in our discussion.

Date : Monday, December 22nd, 2025
Time: 13:30
Place: TB130