



Mathematics and CS Seminar

Geometric Stochastic Heat Equations

Lorenzo Zambotti (University of Paris)

Host: M. Beiglböck, N. Berestycki, L. Erdős, J. Maas, F. Toninelli

The first half of the talk will be devoted to a general introduction to regularity structures. Then I will discuss the main results of the paper arxiv.org/abs/1902.02884 (by Bruned, Gabriel, Hairer and myself) on a class of stochastic PDEs whose solutions take values in a Riemannian manifold. This class of equations has a number of interesting properties and is a case study of the scope of regularity structures.

Tuesday, January 26, 2021 05:30pm - 06:15pm

IST Austria Campus online via Zoom



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