Mathematics and CS Seminar

Geometric Stochastic Heat Equations

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Host: M. Beiglböck, N. Berestycki, L. Erdös, 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 numberof interesting properties and is a case study of the scope of regularity structures.

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

online via Zoom

This invitation is valid as a ticket for the ISTA Shuttle from and to Heiligenstadt Station. Please find a schedule of the ISTA Shuttle on our webpage: https://ista.ac.at/en/campus/how-to-get-here/ The ISTA Shuttle bus is marked ISTA Shuttle (#142) and has the Institute Logo printed on the side.

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