



Mathematics and CS Seminar

Transport and renormalization via probabilistic Hessian estimates

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MIT

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

Probabilistic representations of analytic objects have proven to be a valuable tool in analysis and geometry. I will talk about such representations which lead to sharp control on the Hessians of functions along the heat flow. These results lead to new Lipschitz properties of transport maps in Euclidean and manifold settings, and also show up in renormalization groups techniques.

Wednesday, June 7, 2023 04:45pm - 06:00pm

Mondi 2 (I01.01.008), Central Building



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.