

# Séminaire de Probabilités et Statistique

Mardi 13 Décembre 2022 à 14h00

Laboratoire Dieudonné

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*Random stochastic operators*

After a short presentation of the recent progress on singular stochastic PDEs, I will explain how these tools can be adapted to construct singular stochastic operators. The main example is given by the Anderson Hamiltonian, the Schrödinger operator with spatial white noise potential. I will detail how this approach can also be used to construct the infinitesimal generator of the Brox diffusion and obtain the well-posedness of the associated martingale problem.