Stochastic Webinar

On the Schrodinger operator with white noise potential in dimensions 1, 2 and 3.

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Cyril Labbé received his PhD on branching processes at Sorbonne Université in 2013. He was a postdoc of Martin Hairer at the university of Warwick from 2013 to 2015. From 2015 to 2021, he was an assistant professor at Université Paris-Dauphine. Since 2021, he has been a professor at université Paris Cité. His research work concerns stochastic analysis, random Schrödinger operators and mixing times of Markov processes.

Abstract: I will consider the Schrodinger operator obtained by perturbing the Laplacian with a white noise in dimensions 1, 2 and 3. I will review the construction (finite and infinite volume) and several spectral properties of this operator (statistics of the eigenvalues, localisation/delocalisation of the eigenfunctions, identification of the spectrum). This is based on joint works with Laure Dumaz (ENS Paris) and Yueh-Sheng Hsu (Paris-Dauphine).

讲座时间：

2024.05.15 周三下午 16:00-17:00
会议地点：ZOOM会议室会议ID：3541437366密码：123456

主办单位：
中科院数学与系统科学研究院应用数学所
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