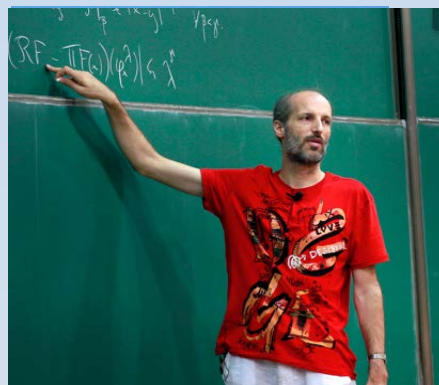


Stochastic Quantisation of Yang-Mills



Martin Hairer

洛桑联邦理工学院（EPFL）的概率和偏微分方程的首席教授、菲尔兹奖获得者。

Abstract: We report on recent progress on the problem of building a stochastic process that admits the hypothetical Yang-Mills measure as its invariant measure. One interesting feature of our construction is that it preserves gauge-covariance in the limit even though it is broken by our UV regularisation. This is based on joint work with Ajay Chandra, Ilya Chevyrev, and Hao Shen

时间：2023年10月18日(周三) 14:00-15:00

地点：中国科学院数学与系统科学研究院 南楼 613 室

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