学术报告

报告题目： Anderson Hamiltonians with singular potentials

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报告摘要： In this talk we consider the construction of random Schrödinger operators, called Anderson Hamiltonians, with Dirichlet and Neumann boundary conditions for a fairly general class of singular random potentials on bounded domains. Furthermore, we discuss the integrated density of states of these Anderson Hamiltonians. This is joint work with Toyomu Matsuda.

报告人简介： Willem van Zuijlen is currently a postdoc at the Weierstrass Institute in Berlin, in the group of Wolfgang König, and also closely related to the group of Nicolas Perkowski at the FU Berlin. His scientific interests lie in the treatment of models from stochastic analysis and statistical mechanics, for example spectra of random operators, behaviour of singular stochastic partial differential equations and self-repellent random walks in random media.