

1135-81-2449

**Peter D. Hislop\*** ([peter.hislop@uky.edu](mailto:peter.hislop@uky.edu)), Mathematics Department, University of Kentucky,  
715 Patterson Office Tower, Lexington, KY 40506-0027. *Eigenvalue statistics for random  
Schrödinger operators with point interactions on  $R^d$ .*

We prove that the local eigenvalue statistics for Schrödinger operators with random point interactions on  $R^d$ , for  $d = 1, 2, 3$ , is given by a Poisson point process in the localization regime. This is the first example of Poisson eigenvalue statistics for multi-dimensional random Schrödinger operators in the continuum. The special structure of the point interactions facilitates the proofs of the Wegner and Minami estimates. This is joint work with M. Krishna and W. Kirsch. (Received September 26, 2017)