1145-60-1189 **Adrian Dietlein** (aelgart@vt.edu) and **Alexander Elgart***, type address 2. *Level spacing and Poisson statistics for continuum random Schrödinger operators.*

For the standard Anderson model on the lattice, Minami's estimate implies that, with high probability, the eigenvalues of the Anderson model are well-spaced. Unfortunately, the method fails beyond rank one random perturbation. We will describe a new, more flexible approach towards such a level-spacing estimate. In particular, it works for the continuum Anderson model, at the bottom of its spectrum. If the single-site probability distribution is sufficiently regular, it leads to a Minami-type estimate and Poisson statistics of eigenvalues for this model. (Received September 19, 2018)