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Boris Hanin* (bhanin@mit.edu) and **Yaiza Canzani**. *Scaling Limit of Spectral Projector for the Laplacian on a .*

Let (M,g) be a compact smooth Riemannian manifold. I will give some new off-diagonal estimates for the remainder in the pointwise Weyl Law. A corollary is that, when rescaled around a non self-focal point, the kernel of the spectral projector of the Laplacian onto the frequency interval $(\lambda, \lambda+1]$ has a universal scaling limit as λ goes to infinity (depending only on the dimension of M). This is joint work with Y. Canzani. (Received March 21, 2017)