I will discuss asymptotic properties of Gaussian random superposition of Laplace eigenfunctions on a compact Riemannian manifold without boundary. More precisely, I will describe the behaviour of the conormal cycle attached to the corresponding nodal sets. When the dimension is odd, I will show that the expectation of the associated current of integration converges to the pullback of the Riemannian volume. When the dimension is even, I will obtain an upper bound of lower order.

This is a joint work with Nguyen Viet Dang (Université Lyon 1) (Received September 14, 2015)