1116-35-687   **John A. Toth*** (`jtoth@math.mcgill.ca`), Department of Mathematics, McGill University, 805 Sherbrooke St. West, Montreal, Quebec H3A 2K6, Canada. *L^2 restriction bounds for quantum ergodic eigenfunctions.* Preliminary report.

Let (M, g) be a compact Riemannian surface and (ϕ_λ) be a quantum ergodic (QE) sequence of L^2-normalized Laplace eigenfunctions. Given any simple, closed, smooth curve $H \subset M$ with positive geodesic curvature, we show that the L^2-restrictions, $\|\phi_\lambda\|_{L^2(H)}$, are uniformly bounded above and below by positive constants as $\lambda \to \infty$. (This is joint work with Y. Canzani and H. Christianson) (Received September 10, 2015)