1011-35-101   **John A Toth*** (`jtoth@math.mcgill.ca`), Dept. of Math. and Statistics, McGill University, 805 Sherbrooke St. West, Montreal, Quebec H3A 2K6, Canada. *Maximal L^∞-bounds for modes and quasimodes of the Laplacian.*

We will discuss recent results (joint with C. Sogge and S. Zelditch) on maximal L^∞-growth rates for eigenfunctions (and approximate eigenfunctions) of the Laplacian on a compact, closed manifold. (Received August 18, 2005)