abstract

ANALYSIS/MATHEMATICAL PHYSICS SEMINAR
Topic:

Speaker:

Affiliation:

Date:

Time/Room:

Let (M,g) be a compact, closed manifold and g_u be a family of conformal metric deformations of g supported in a small ball B(\delta) of radius \delta>0. We show that for a class of such deformations, the corresponding Laplace eigenfunctions almost surely have L^\infty-bounds in B(\delta) that are consistent with random wave predictions.