Analysis and Applications:
A Conference in Honor of Elias M. Stein
Princeton University, Princeton, New Jersey
May 16-20, 2011

Speaker: Christopher Sogge (Johns Hopkins University)

Date/Time: Monday, May 16, 2011 / 10:45-11:45 am

Talk Title: "On the dispersive properties of eigenfunctions"

Abstract:

There are various ways of measuring the concentration of eigenfunctions of Laplace-Beltrami operators. These include L^p norms, estimates over lower-dimensional sets, and properties of the nodal sets. We shall go over recent work in this area.