

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

Speaker: Sergiu Klainerman (Princeton University)

Date/Time: Tuesday, May 17, 2011 / 10:15 – 11:15 am

Talk Title: "On the Bounded L^2 curvature conjecture in General Relativity"

Abstract:

The conjecture asserts that the time of existence of solutions to the initial value problem in GR depends only on the L^2 norm of the curvature of the initial data set. I will talk about the present status of the conjecture based on recent work in collaboration with I. Rodnianski and J. Szeftel.