

Analysis Seminar

Submitted by admin on Mon, 01/28/2013 - 15:01

Large Data Dynamics for Nonlinear Dispersive PDEs

Series: Analysis Seminar

Wilhelm Schlag

University of Chicago

Date & Time: Fri, 02/01/2013 - 15:30 - 16:30

Location: S-101

Video Link:

<http://video.ias.edu/1213/analysis-0201-WilhelmSchlag>

We will discuss recent work on wave evolutions for large data. Particular emphasis will be placed on concentration compactness ideas. Amongst others, we will describe a result for wave equations from \mathbb{R}^3 minus the unit ball into the sphere S^3 where we can show that any solution approaches the unique harmonic map in its degree class. Joint work with Cote, Kenig, Lawrie, Nakanishi -- in various combinations.

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Tue, 01/22/2013 - 15:34

Mon, 01/28/2013 - 18:59

terms:

- [School of Mathematics](#)