Mathematics, Statistics, and Computer Science   **@ UIC**

Analysis and Applied Mathematics Seminar

Nonlinear stability theory of self-gravitationg fluids

Juhi Jang (University of Southern California)

Abstract: I will review stability problems of Lane-Emden star configurations modeled by the Euler-Poisson system and present a recent joint work with Mahir Hadzic on the global-in-time existence of expanding stars in the mass-critical regime.

Monday, April 10 at 4:00 PM in SEO 636