

GEOMETRIC ANALYSIS SEMINAR

Speaker: Gabriella Clemente

University of Notre Dame

Date: Thursday, October 27, 2016

Time: 10:30 AM

Location: 258 Hurley Hall



Lecture Title:

K-stable toric and Fano reductive varieties

Abstract

I will try to explain the K-stability of a toric manifold with respect to toric degenerations. I will then explain how the toric framework can be adapted to study the K-stability of a Fano smooth reductive variety, obtaining a criterion in terms of the barycenter of the underlying polytope.