



Speaker: Tamas Darvas
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Tuesday, November 26, 2013
11:00 AM
258 Hurley Hall

Title: Weak geodesic rays in the space of Kahler metrics and finite energy classes

Abstract:

Geodesics in the space of Kahler potentials attracted a lot of attention after Donaldson linked them with the existence and uniqueness of constant scalar curvature metrics in a fixed Kahler class. After we review the main points of this program, we will proceed to detail a general construction for geodesic rays that is tied together with psh functions having finite weighted energy. Time permitting, we will explore applications of our construction to upper envelopes of psh functions with respect to singularity types.