

Geometry, Groups and Dynamics/GEAR Seminar
(held at the Illinois hub of GEAR)

Thursday, April 30, 2015, 1:00 pm in 243 Altgeld Hall

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A new continuity flow of Monge-Ampere type, Gromov-Hausdorff limits and Minimal Model program

Abstract: I will describe a new continuity equation recently introduced by G.Tian and myself and it's connection with then Minimal Model Program. In particular, in joint work with Tian and Z. Zhang, we show that the Gromov-Hausdorff of our continuity method are homeomorphic to a normal projective variety and that the singularities of the metric are concentrated on a sub variety , under some natural assumptions--which are the natural differential geometric versions of the assumptions in Kawamata's base point free theorem.

[Video](#)