

DIFFERENTIAL GEOMETRY/PDE SEMINAR

FRIDAY, MAY 17, 2013

PADELFORD C-401

3:30PM–4:30PM

Shrinking Ricci solitons

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Shrinking Ricci solitons (shrinkers) are models of Ricci flow singularities. Koiso's example in dimension 4 is a compact non-Einstein example. For the purpose of the singularity analysis of Ricci flow we are interested in complete noncompact shrinkers. Shrinkers from blowing-up singularities is locally noncollapsing, however we do not know if it has bounded curvature. In this talk we survey some properties of shrinkers.

For more information about this seminar, visit the DG/PDE Seminar Web page (from the Math Department home page, www.math.washington.edu, follow the link **Seminars, Colloquia, and Conferences**).

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