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**Michael Munn\*** (munnm@missouri.edu), 210 Math. Sciences Building, Dept. of Mathematics, University of Missouri, Columbi, MO 65201, and **Sajjad Lakzian**. *Metric Perspectives of the Ricci Flow*.

We consider compact, Riemannian manifolds  $M_1, M_2$  each equipped with a family of metrics  $g_1(t), g_2(t)$  (resp.) evolving by the Ricci flow. We introduce the notion of a super Ricci flow for a family of distance metrics defined on the union  $M_1 \sqcup M_2$  and show that this property holds when the distance function between points in  $M_1$  and  $M_2$  evolves by the heat equation. We also discuss possible applications and examples. This is joint work with Sajjad Lakzian. (Received September 10, 2013)