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Zhou Zhang* (zhangou@umich.edu), 4835 East Hall, Department of Mathematics, 530 Church Street, Ann Arbor, MI 48109-1043. *the Singularities of Kähler-Ricci Flows*. Preliminary report.

In this talk, we discuss different kinds of singularities appearing in Kähler-Ricci flows, finite and infinite time cases, volume non-collapsing and collapsing cases. The ultimate goal is to realize Tian's program of defining global (weak) Kähler-Ricci flow and applying it to the study of algebraic manifolds. (Received August 23, 2009)