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Valentino Tosatti* (tosatti@math.northwestern.edu), 2033 Sheridan Road, Evanston, IL 60208. *Collapsing of the Kähler-Ricci flow.*

I will discuss the collapsing behavior of the (suitably normalized) Ricci flow on a compact Kähler manifold, as time goes to infinity (assuming that a long-time solution exists). Assuming that the manifold fibers over a lower-dimensional base (which as I will explain is a very natural assumption), the flow shrinks the smooth fibers and collapses to a twisted Kähler-Einstein metric on the base. Most of these results come from joint works with Gross, Hein, Weinkove, Yang and Zhang. (Received January 11, 2016)