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Matthew Gill* (mfgill@math.berkeley.edu), Department of Mathematics, University of California, Berkeley, 970 Evans Hall #3840, Berkeley, CA 94720-3840. *The Chern-Ricci flow.*

We will discuss the Chern-Ricci flow, an analogue of the Kähler-Ricci flow on Hermitian manifolds. In particular, we will prove C^∞ convergence for the flow when the first Bott-Chern class is zero. (Received September 03, 2012)