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Kelly B Yancey* (kbyancey1@gmail.com) and **Rachel Bayless**. *Weakly Mixing Vs. Rigid in the Infinite Setting*. Preliminary report.

In the setting of infinite ergodic theory, measure-preserving transformations that are rigid and spectrally weakly mixing are generic in the sense of Baire category. During this talk we will discuss rigid versus various types of weakly mixing in infinite ergodic theory. We will also construct examples of transformations that have these desired properties. Our examples will be via the method of cutting and stacking. (Received September 16, 2013)