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Cesar E. Silva* (csilva@williams.edu). *On rank-one infinite measure-preserving examples and extensions of properties of the Chacon transformation.* Preliminary report.

We will discuss infinite measure-preserving rank-one transformations, including topological models, and weak mixing type properties for a family of Chacon transformations. Some is joint work with I. Loh, with I. Loh and B. Athiwaratkun, and J. Gaebler, A. Kastner, X. Xu, and Z. Zhou. (Received February 20, 2018)