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Dawn Archey* (dashley@uoregon.edu). *The tracial Rokhlin property: very outer group actions.*

In this talk we will give the definition of a finite group action on a C^* -algebra A having the tracial Rokhlin property. We will then present some theorems indicating when some properties of the C^* -algebra A such as real rank zero and stable rank one are shared by the crossed product by actions with the tracial Rokhlin property. We will give a brief hint of the nature of the proofs, then conclude by indicating how such results are relevant to one of the major areas of effort for C^* -algebraists, namely the classification program. (Received September 16, 2007)