

Abstract Submitted  
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**The Structure of Our Galaxy's Dark Matter Halo** LEANNE  
DUFFY, University of Florida — Incomplete thermalization of the galactic halo  
leads to cold flows of dark matter particles, with peaks in their velocity distribution.  
I discuss the expected properties of these flows under the current concordance cos-  
mology and their impact on dark matter detection, focussing on the recent search  
result from the Axion Dark Matter eXperiment (ADMX) collaboration.

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