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Dwarf Galaxies on the Edge of the Local Volume

I will discuss ongoing work in which we address the mass assembly of the Milky Way at late times. Specifically, we use compact HI cloud samples compiled in two recent "all-Arecibo sky" surveys to search for tiny dwarf galaxy candidates in the vicinity of the Local Group via their HI signatures. I will review our search technique and describe our ongoing efforts to confirm these tiny systems using optical spectroscopy and photometry as well as radio interferometry.