

Abstract Submitted
for the APR13 Meeting of
The American Physical Society

Progress in the Study of ALFALFA Galaxy Groups PARKER TROISCHT, NATHAN NICHOLS, Hartwick College, ALFALFA TEAM — The Undergraduate ALFALFA (Arecibo Legacy Fast ALFA) Team Groups Project is a collaborative undertaking of faculty and students at 11 institutions, aimed at investigating properties of galaxy groups surveyed by the ALFALFA blind HI survey. The survey covers 7,000 square degrees and is expected to include more than 30,000 extragalactic sources when completed. Here we present analysis of HI spectra taken at the National Astronomy and Ionosphere Center and report on progress made with developing analysis software tools as part of the UAT study. These tools will be implemented with follow up observations of targeted sources generated from the original blind survey. This work has been supported by NSF grants AST-0724918, AST-0725267 and AST-0725380.

Parker Troischt
Hartwick College

Date submitted: 22 Jan 2013

Electronic form version 1.4