

PHOTOMETRY WITH A SPACE SPECTROMETER: USING THE FUSE ARCHIVE TO STUDY
PULSATING WHITE DWARFS

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A progress report on our search of the Far Ultraviolet Spectroscopic Explorer (FUSE) archives for variable white dwarfs.

It has been shown (Fontaine & Brassard 2008, *PASP*, 120, 1043; Kuassivi et al. 2003, *A&A*, 442, 1015) that FUSE spectra can be reduced to high speed photometric exposures. To the best of our knowledge, the FUSE archive have not been mined to find new pulsating white dwarfs or any other kind of pulsating stars. Moreover, light curves have never been produced for most of the known variable white dwarfs included in the archive. We present our efforts at filling these gaps and some results from our search..