

Stefan Mochnacki

(DDO+St.George Campus 1981-2014; retired & living in Warsaw, Poland)

1. Archiving DDO Digital Data (Dunlap Legacy)

- Spectra: Cassegrain + Echelle
- Detectors: Photon Counting linear + CCD area
- Dates: Jan. 1987 – July 2008. ~ 170,000 FITS files
- Mainly variable stars, binaries.
- Database hosted at CADC, visible to world (Virtual Obs.).
- Headers corrected for object name, file type.

2. Reduction pipeline for DDO Archive

- Produce relative flux vs. wavelength, optional rectification
- Immediately visible through SIMBAD, etc. searches
- Heliocentric corrected (velocity, time); modern routines

Main interests: close binary stars (light curve+spectra modeling; contact binary evolution). Space and ground-based instrumentation
And I closely follow the DM versus MOND debate.



**DDO 74-inch Telescope
[Also have photographic
Plates 1935-1990]**