

Poster

Splinter Exoplanets

PhD Students Meeting

MEASURING THE RADIAL VELOCITY OF ALPHA CENTAURI

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Alpha Centauri is a primary target for planet search as it is the closest star system and its B component is a solar-type star. The HARPS spectrograph has provided over 22500 high resolution spectra over the last 10 years, but the data is hampered by stellar noise. This work is aimed at more in-depth study of the data set to reduce the impact of activity and enable robust inferences to be made about any exoplanets in orbit.