

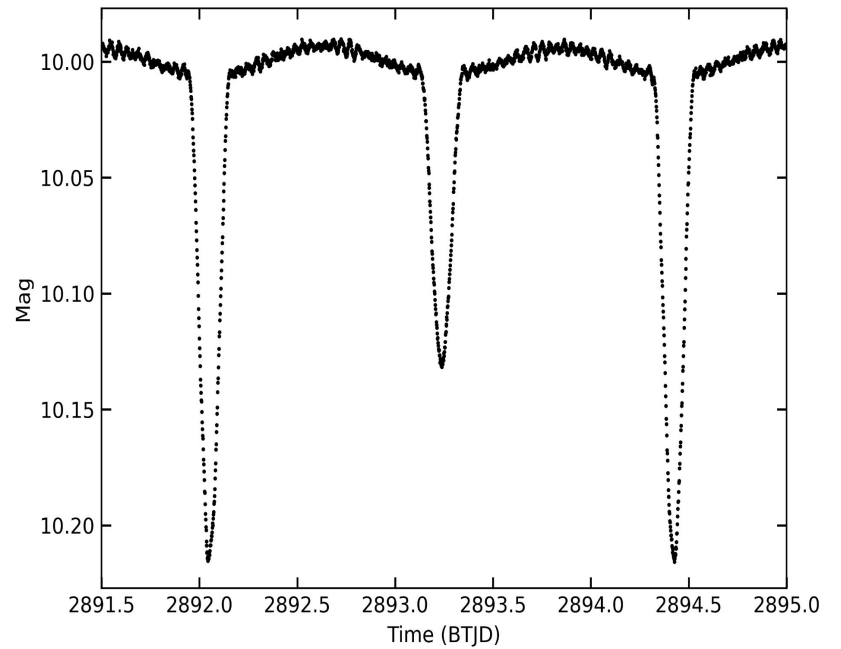
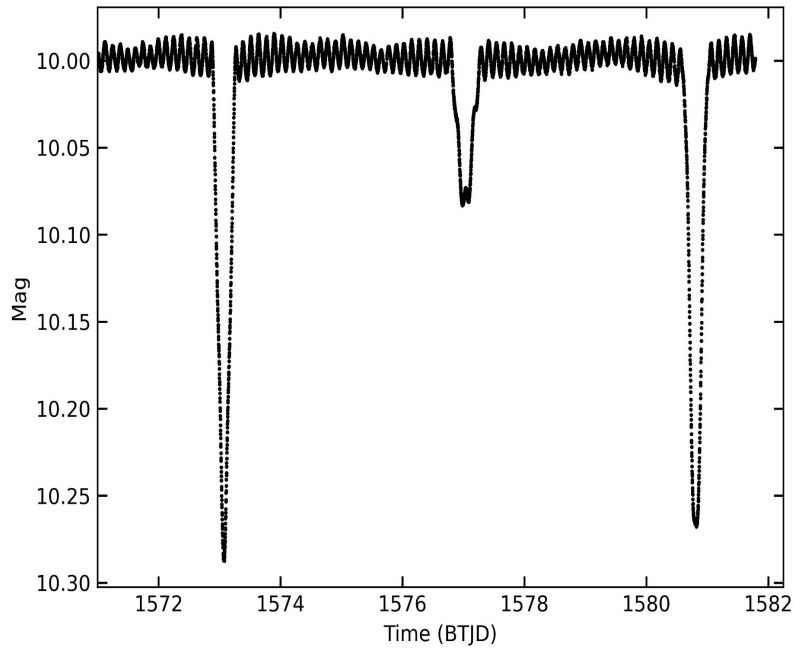


Eclipsing binaries and Pulsating Stars

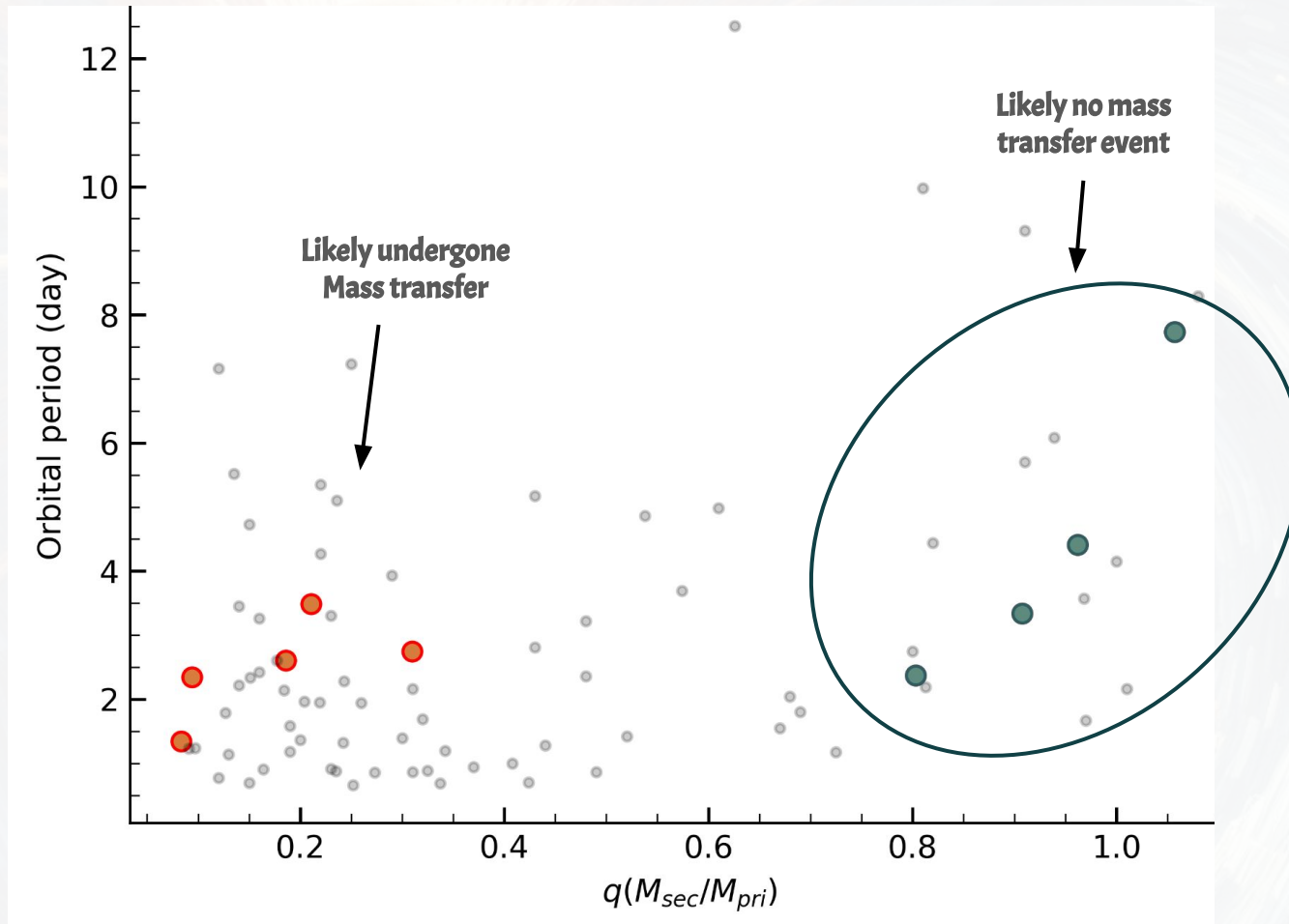
Tilaksingh Pawar

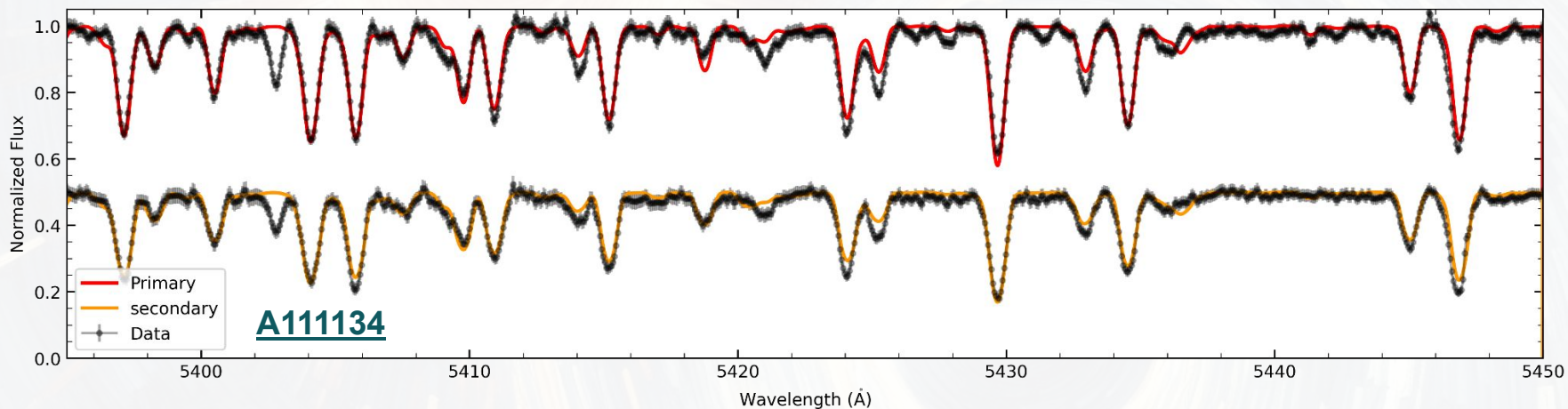
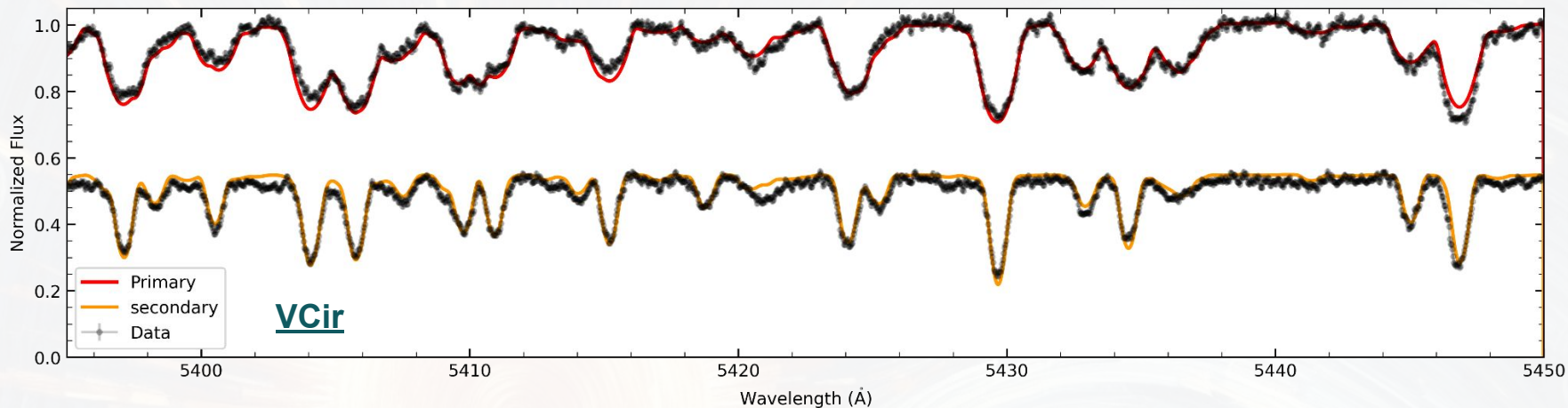
4th year PhD student, CAMK Toruń
Supervisor: Dr. hab. K.G. Hełminiak

Age of precision photometry!

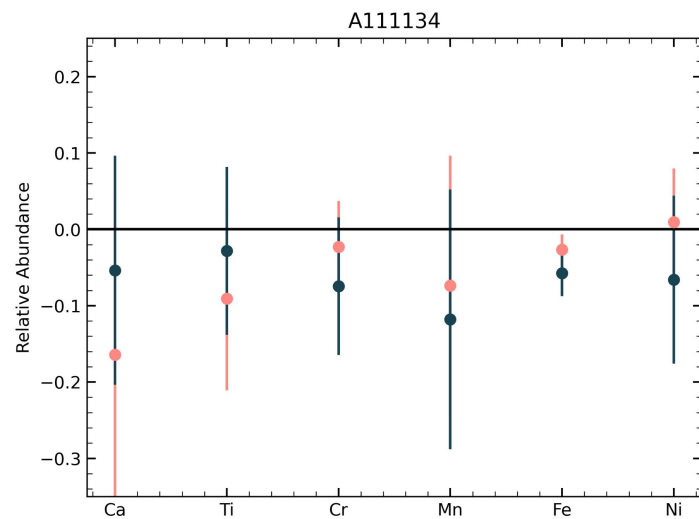
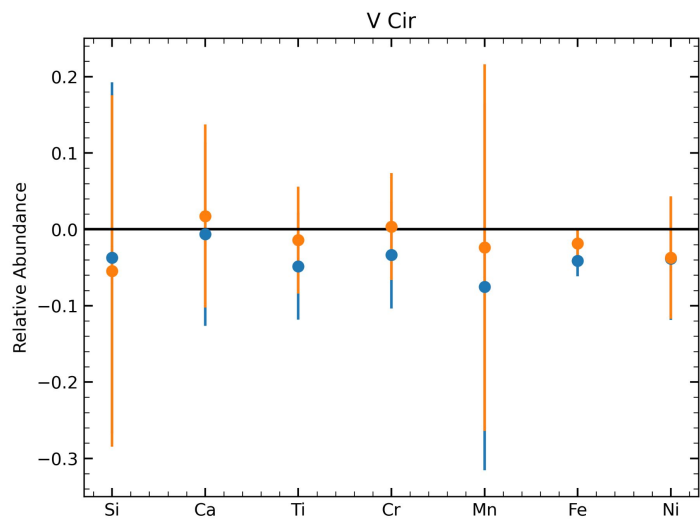
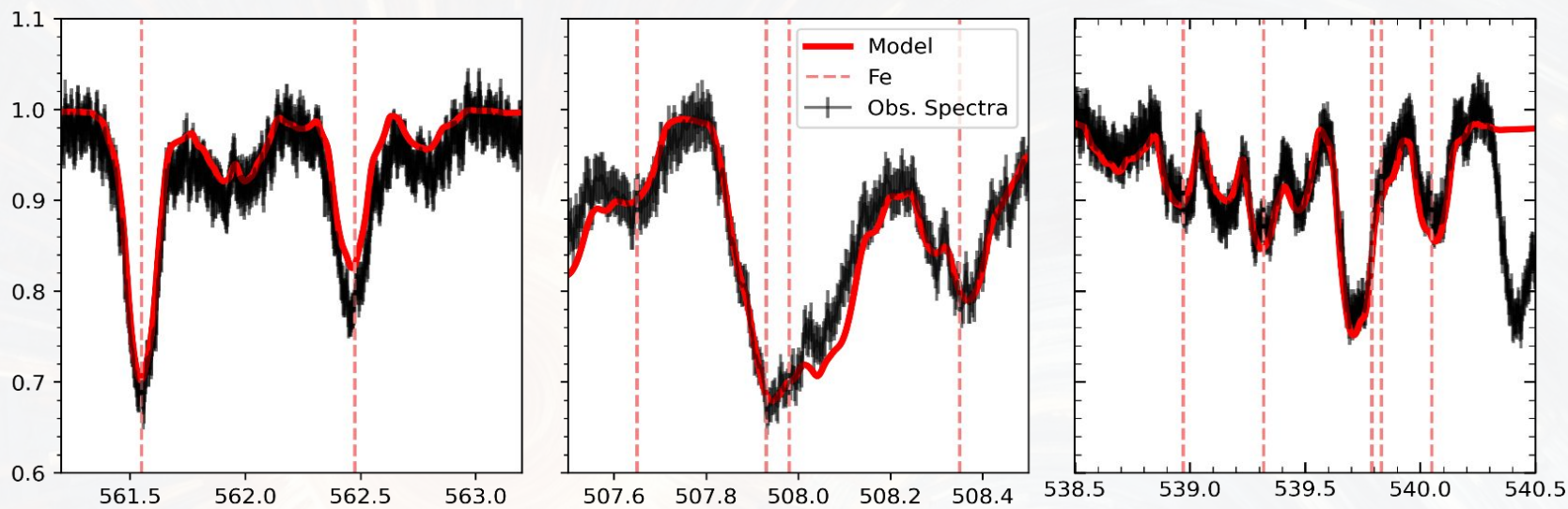


Current Sample

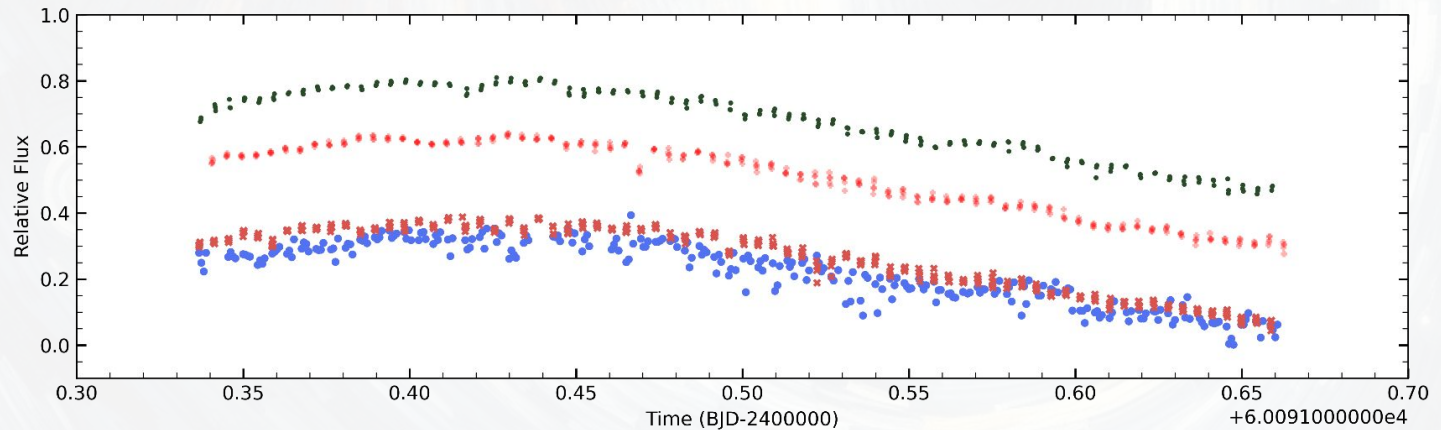
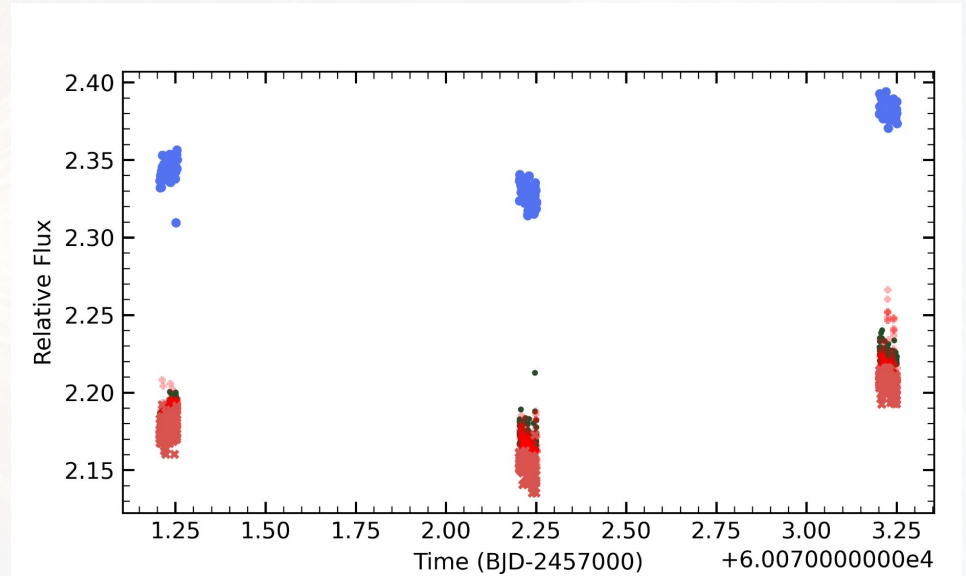
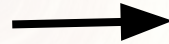
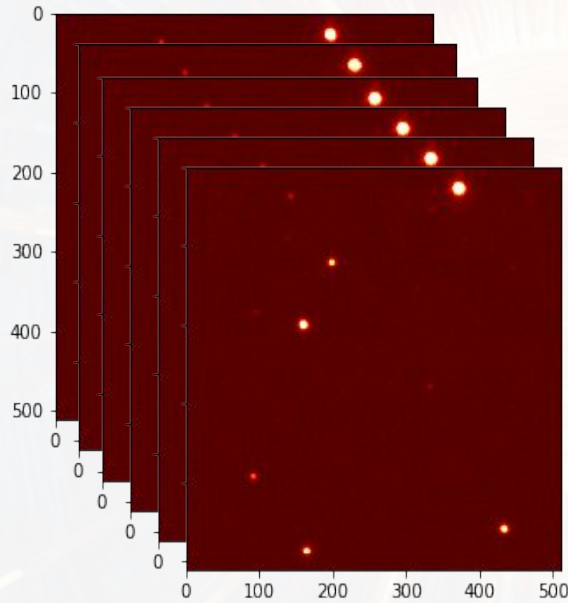




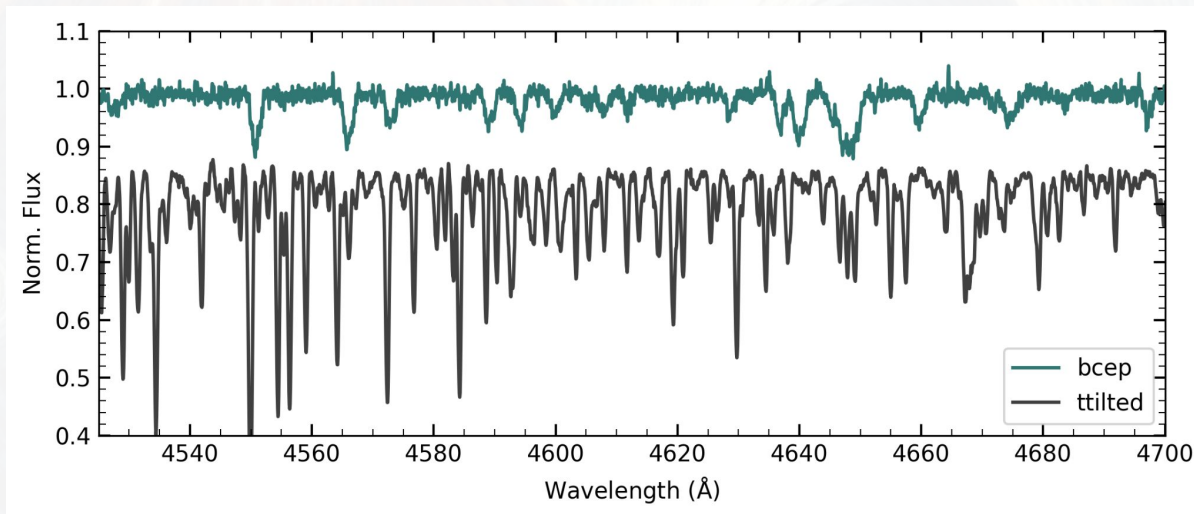
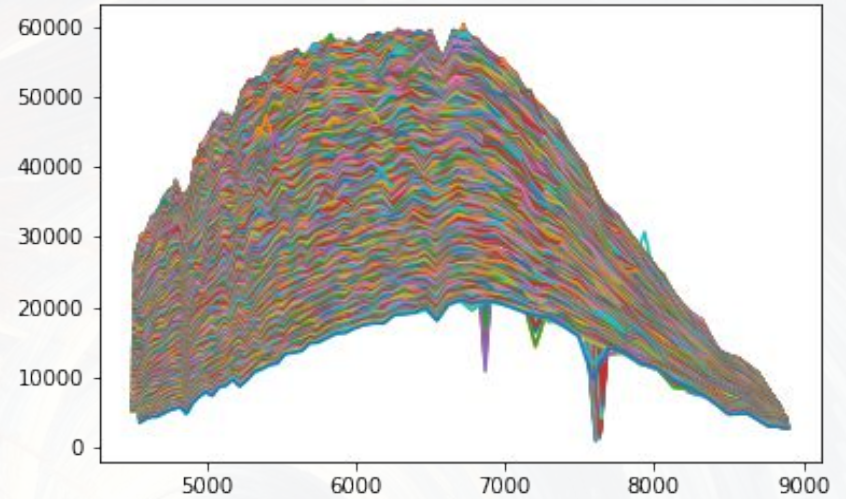
	T_{effs}	Masses (M_{sun})	Radii (R_{sun})	[M/H]
V Cir	5630(60) K 6300(80) K	1.665(0.019) 1.601(0.019)	2.438(0.009) 4.005(0.015)	-0.05(0.07) -0.15(0.08)
A111134	6438(75) K 6204(105) K	1.808(0.005) 1.933(0.005)	2.843(0.005) 2.984(0.005)	-0.18(0.03) -0.38(0.05)



Multi-band Photometry using Sutherland High Speed Optical Cameras



> 100 spectra for half a dozen targets using CHIRON echelle spectrograph



Summary

Courses Attended

Introduction to Astrophysics

Publications

3 Co-authored papers accepted

Conference Presentations

EAS 2023 (Poster)
XLI Zjazd PTA (Poster)

Volunteering Activities

EAS 2023
XLI Zjazd PTA