

# A Spectroscopic Investigation of Magnetic CP Star Candidates in the Kepler Field

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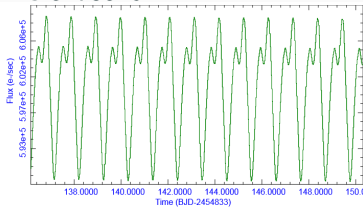
## The idea behind the work

- Recent photometric surveys (Kepler, SWASP, etc.) provide us with a number of ACV variables candidates and study their photometric variability in details
- Using spectral observations obtained with UAGS spectrograph (Zeiss-1000,  $R \approx 2500$ ) we made a spectral classification of the Kepler ACV candidates

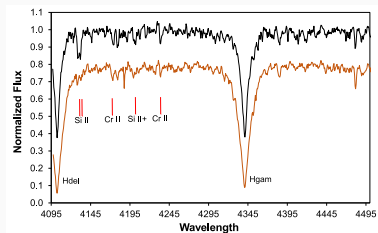
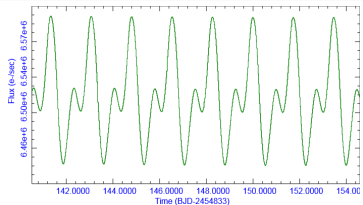
ACV variable candidates is a good approach to identify CP2/4 stars.

# Results

KIC 5473826



KIC 10324412



10 out of the 10 hitherto observed stars have proven to be bona-fide CP2 stars.

See also the poster by Hümmerich et al.