

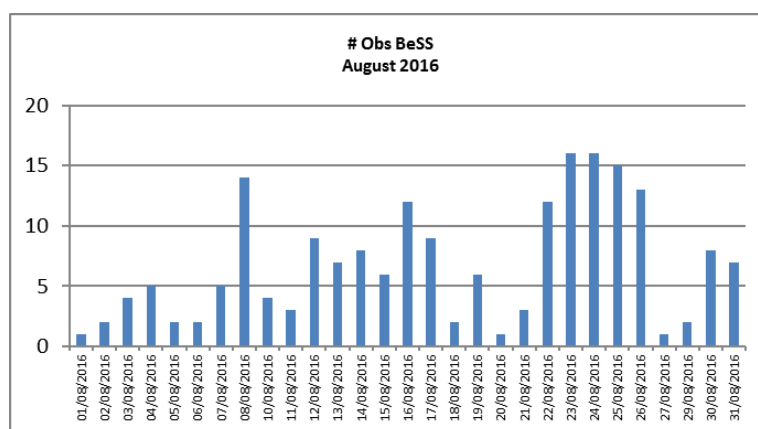
# BeSS report – August 2016

Data compiled by Valérie Desnoux

| Observateur          | Nb spec    |
|----------------------|------------|
| Lemoult              | 32         |
| Thizy                | 27         |
| Guarro Fló           | 23         |
| TERRY                | 21         |
| Lester               | 20         |
| GARDE                | 19         |
| Sawicki              | 16         |
| HOUPERT              | 14         |
| de Bruin             | 10         |
| Heidemann            | 5          |
| Wilson               | 3          |
| KREIDER              | 3          |
| Broussat             | 1          |
| GARREL               | 1          |
| <b>Total général</b> | <b>195</b> |

- 109 stars were observed
- 14 Observers contributed this month
- 195 Spectra H-alpha

The most observed objects were del Sco, pi Aqr and del sco

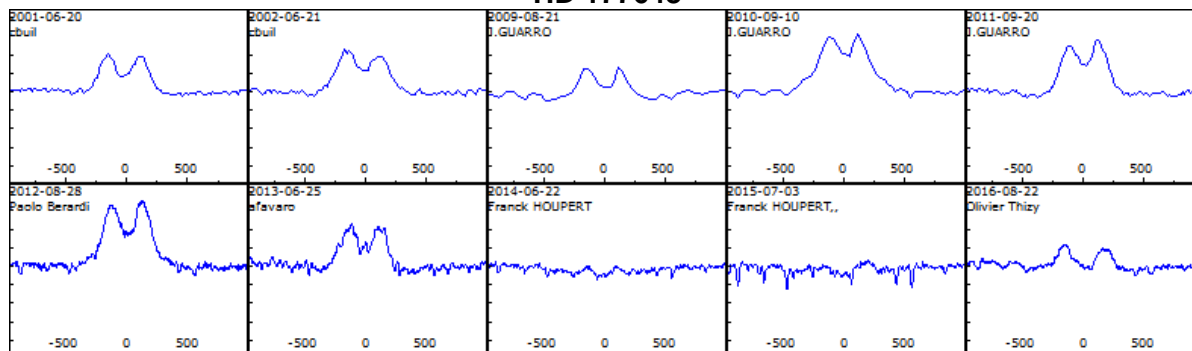


## Objects observed

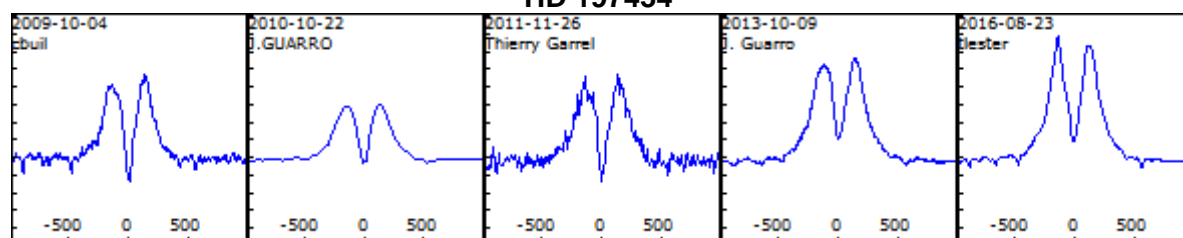
| Classique |           |           |            |           |           |           | ?      | Herbig    |
|-----------|-----------|-----------|------------|-----------|-----------|-----------|--------|-----------|
| gam Cas   | 48 Lib    | lam Cyg   | V2144 Cyg  | phi Per   | V568 Cyg  | V787 Cas  | 51 Oph | HD 179218 |
| PLEIONE   | omi Her   | 18 And    | V420 Cep   | BK Cam    | bet Psc   | V742 Cas  |        | HD 163296 |
| V442 And  | V532 Lyr  | EW Lac    | HD 190944  | 10 Cas    | 31 Peg    | HD 206773 |        | V1295 Aql |
| tet CrB   | 53 Boo    | pi Aqr    | V425 Cyg   | 60 Cyg    | omi Aqr   | V2163 Cyg |        |           |
| del Sco   | zet Oph   | ALFIRK    | HD 198931  | 25 Cyg    | eps Cap   | 11 Cam    |        |           |
| QR Vul    | CX Dra    | 14 Lac    | BD+59 2829 | V421 Cep  | V2148 Cyg | HD 6343   |        |           |
| SHELIAC   | phi And   | V2136 Cyg | HD 172694  | HD 181409 | V782 Cas  | HD 207232 |        |           |
| 66 Oph    | HD 177648 | ups Cyg   | V3508 Sgr  | ELECTRA   | HD 13669  | V549 Per  |        |           |
| chi Oph   | 59 Cyg    | nu Cyg    | V3903 Sgr  | tet Ari   | NT Peg    | 8 Lac A   |        |           |
| HD 224905 | V923 Aql  | 25 Peg    | HD 197434  | KX And    | HD 192445 | V2162 Cyg |        |           |
| HD 175863 | 25 Vul    | omi And   | V372 Sge   | KY And    | V2153 Cyg | V357 Lac  |        |           |
| HD 174105 | 28 Cyg    | V558 Lyr  | BD-15 5090 | omi Cas   | V341 Sge  | CW Cep    |        |           |
| HD 181231 | 20 Vul    | eps Cas   | V4131 Sgr  | HD 201522 | V396 Vul  | HD 205060 |        |           |
| HD 176630 | NW Ser    | ups Sgr   | V385 Cep   | HD 179343 | HD 20134  | V439 Cep  |        |           |
| V1443 Aql | V378 And  | V1294 Aql | HD 181308  | HD 181709 | V1448 Aql | HD 190864 |        |           |

## Emission increase since last observations

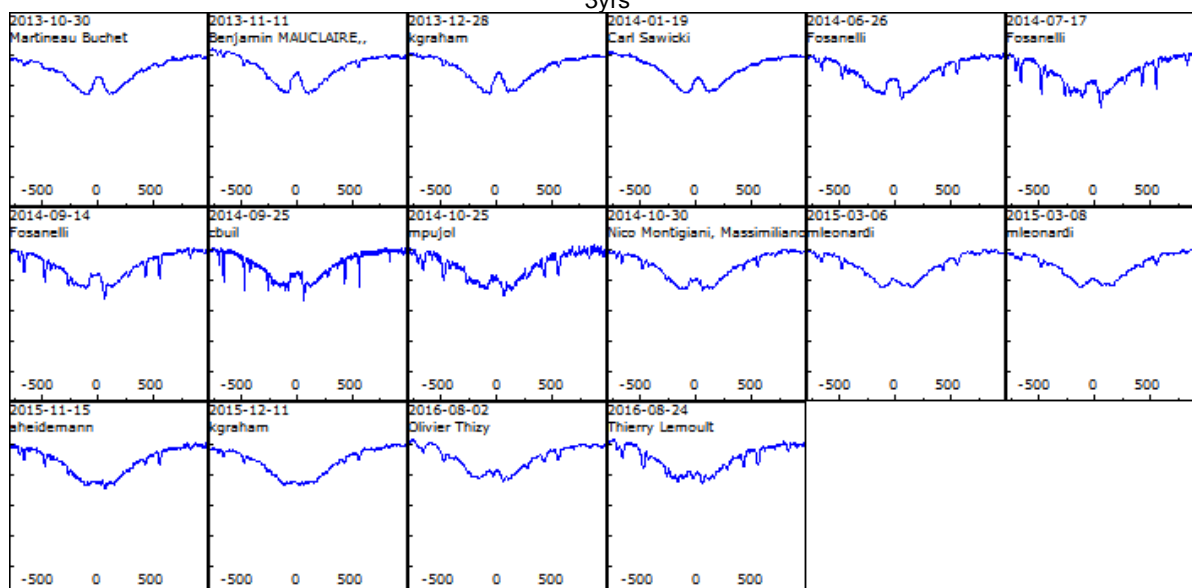
### HD 177648



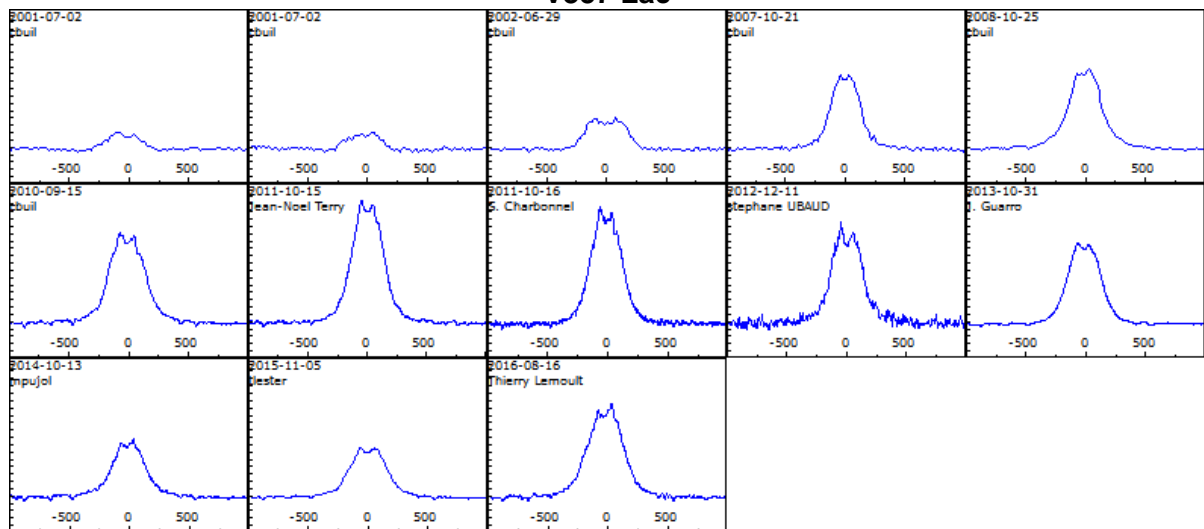
### HD 197434



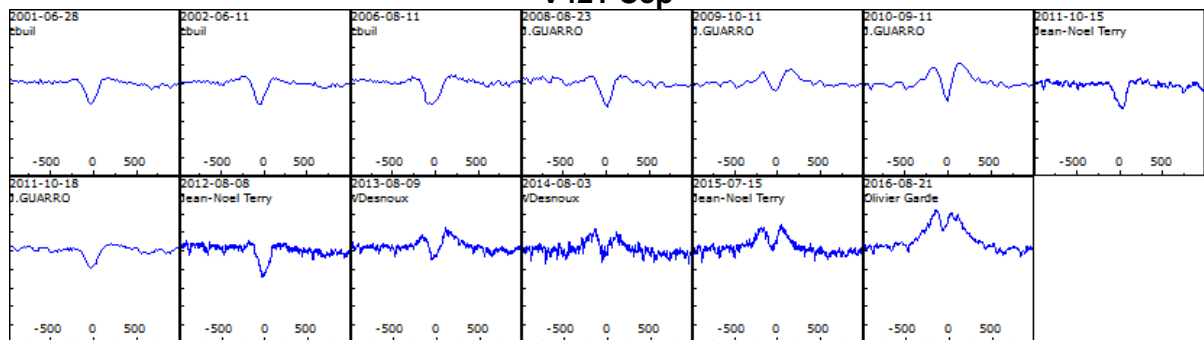
### Phi And 3yrs



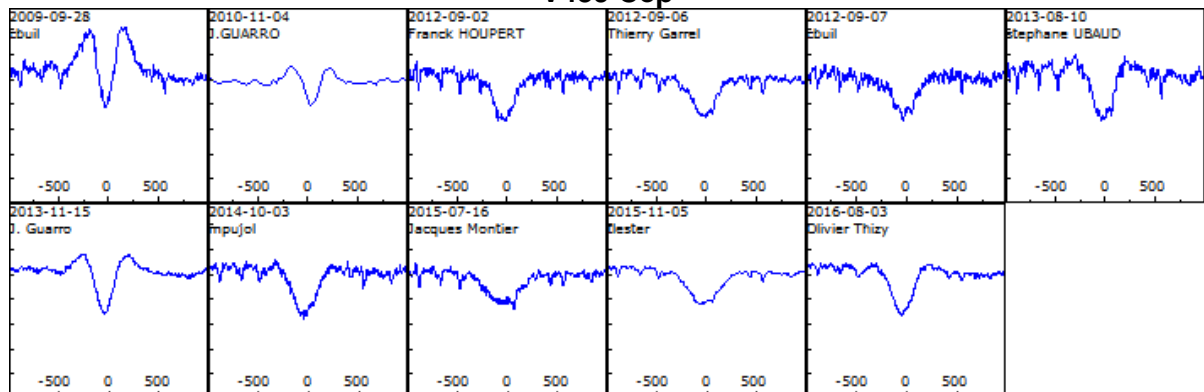
### V357 Lac



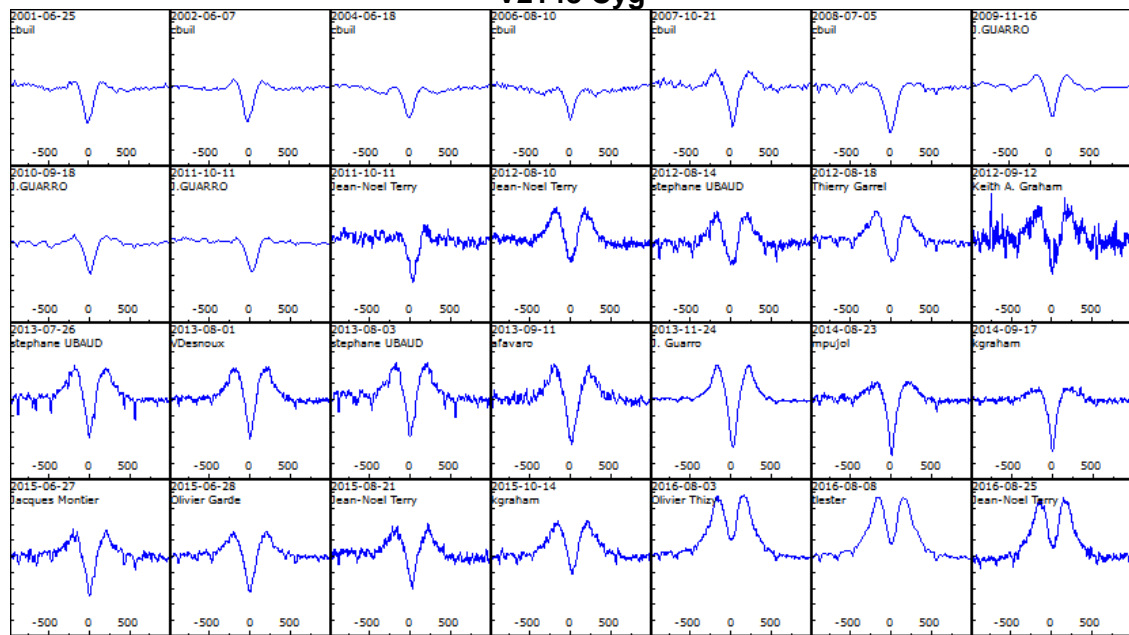
### V421 Cep



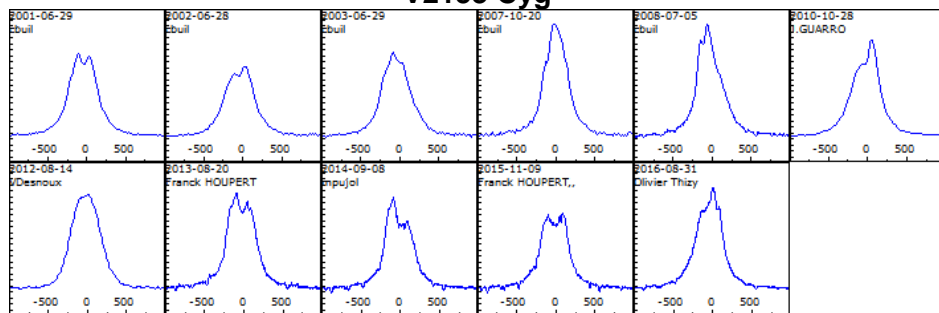
### V439 Cep



## V2148 Cyg

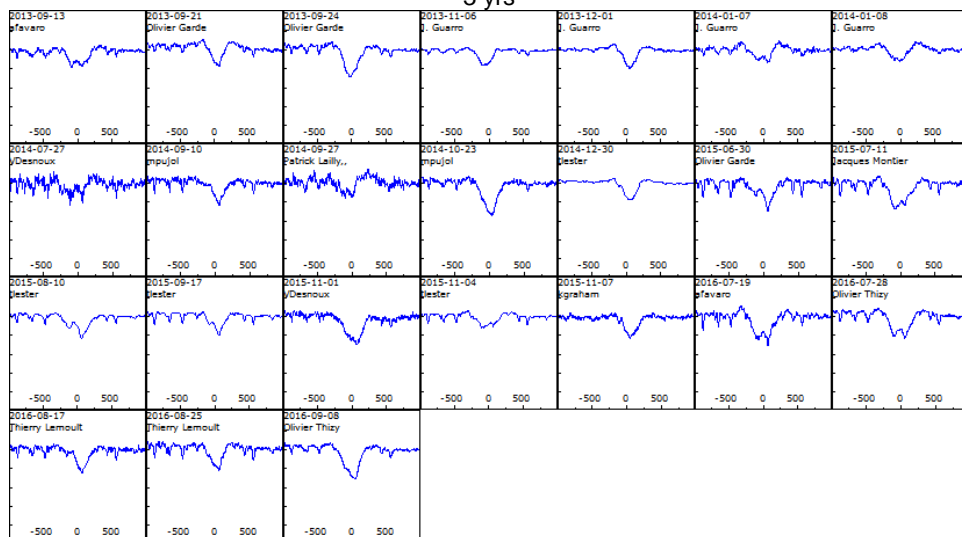


## V2153 Cyg



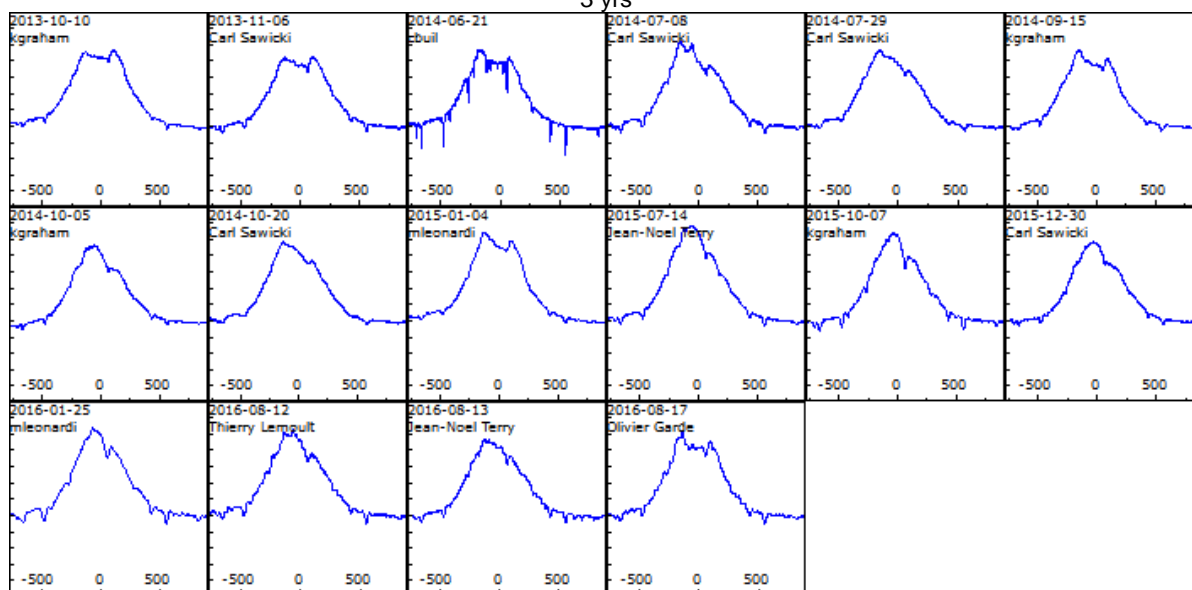
## Moderate evolutions of H-alpha line

### 14 Lac 3 yrs



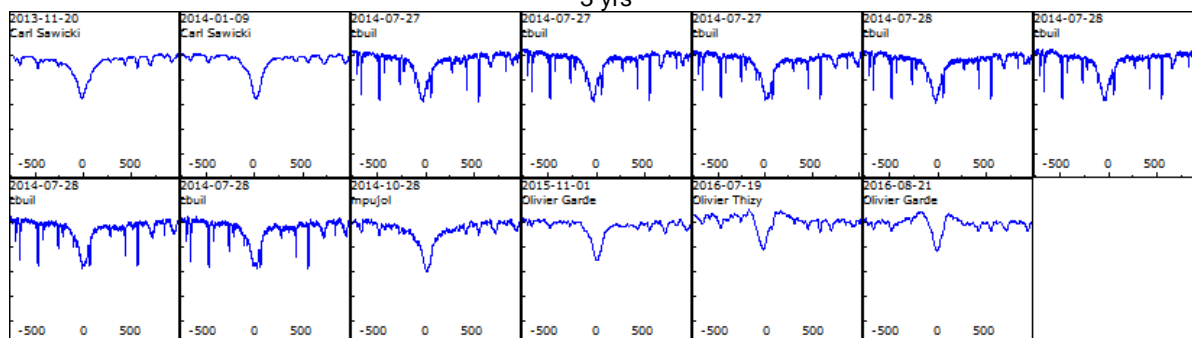
## 59 Cyg

3 yrs



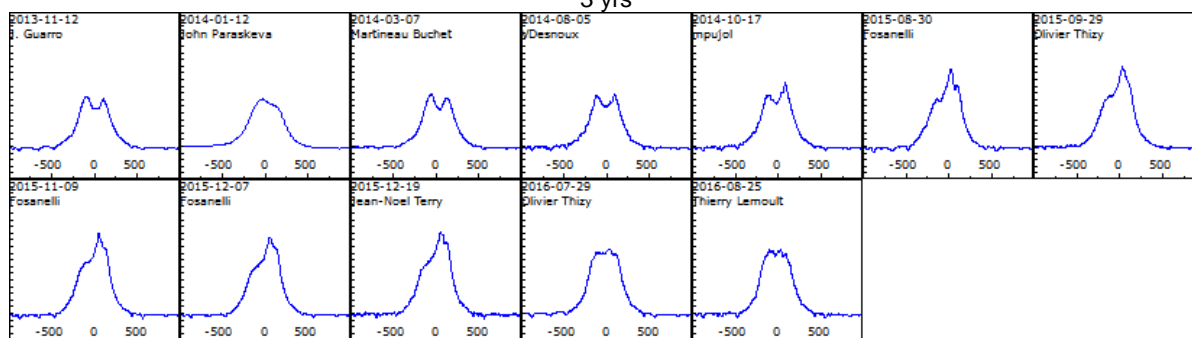
## Bet Cep

3 yrs



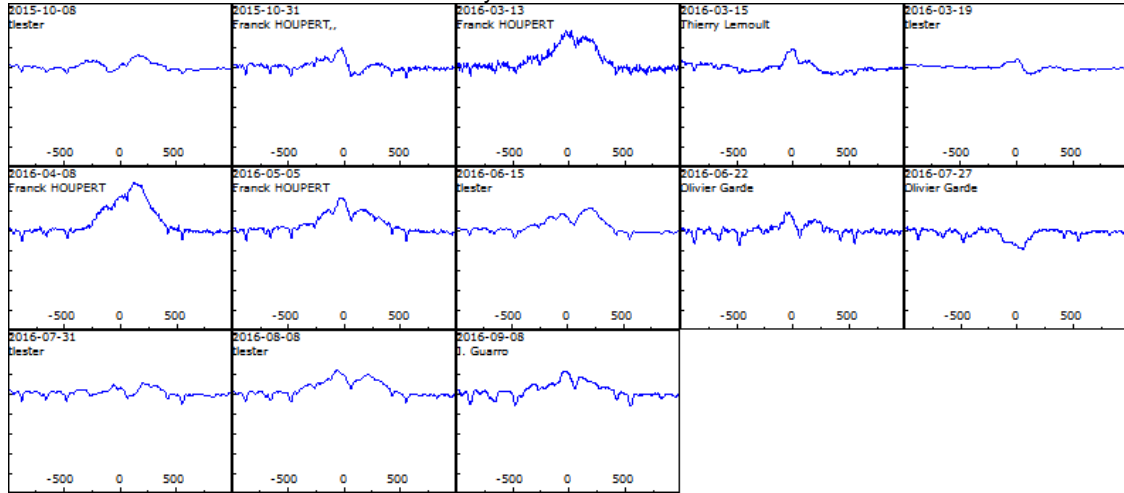
## BK Cam

3 yrs



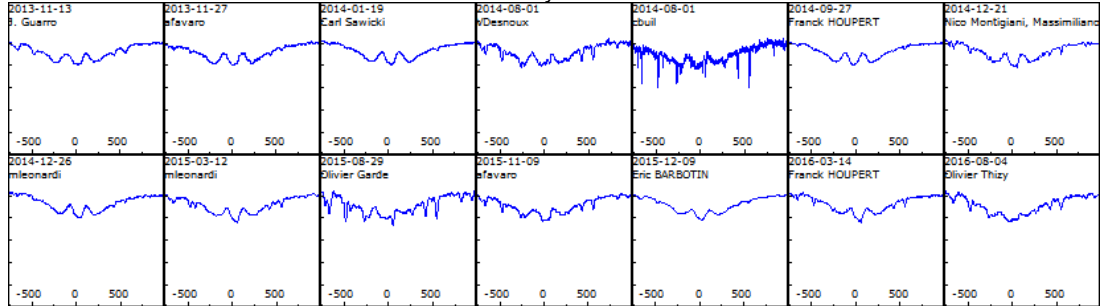
## CX Dra

### 1 year observations

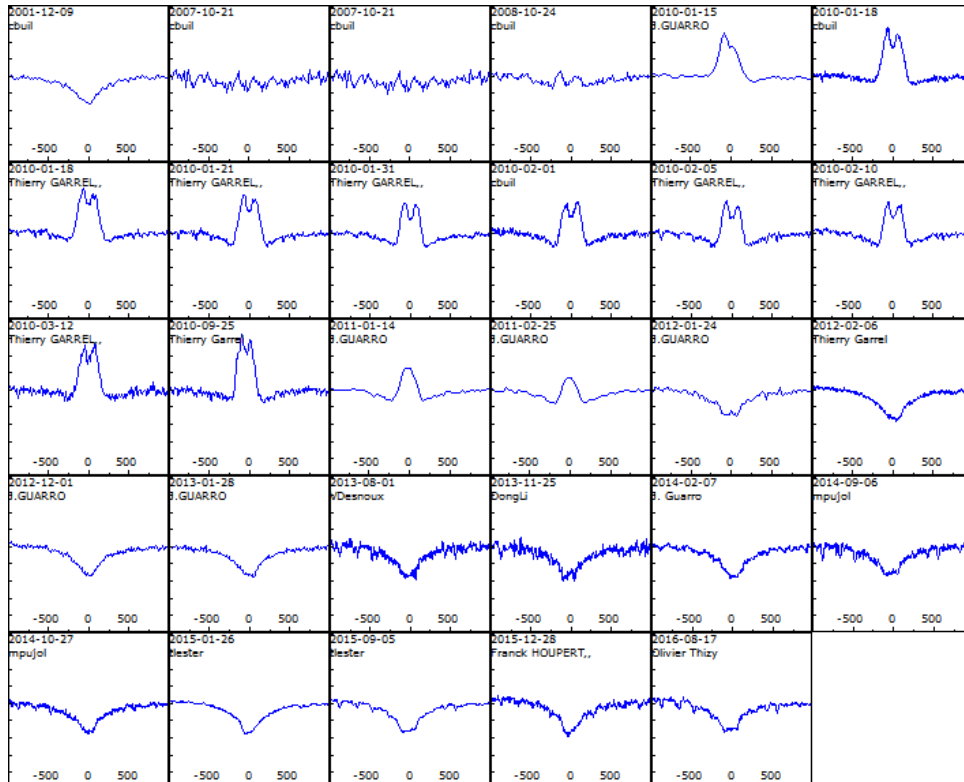


## Electra

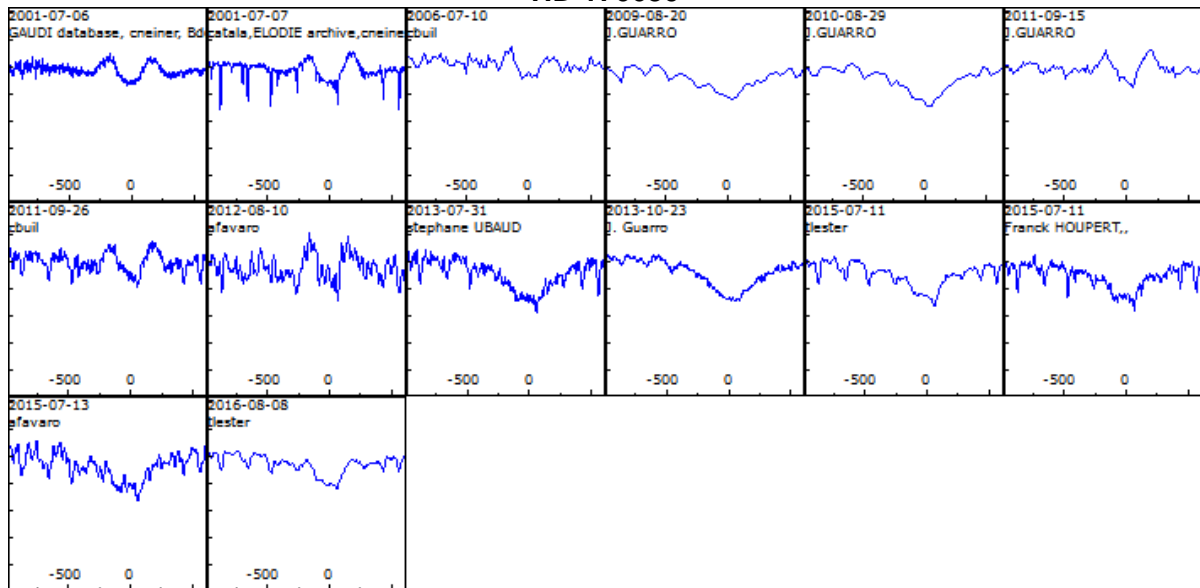
### 3 yrs



## HD 20134

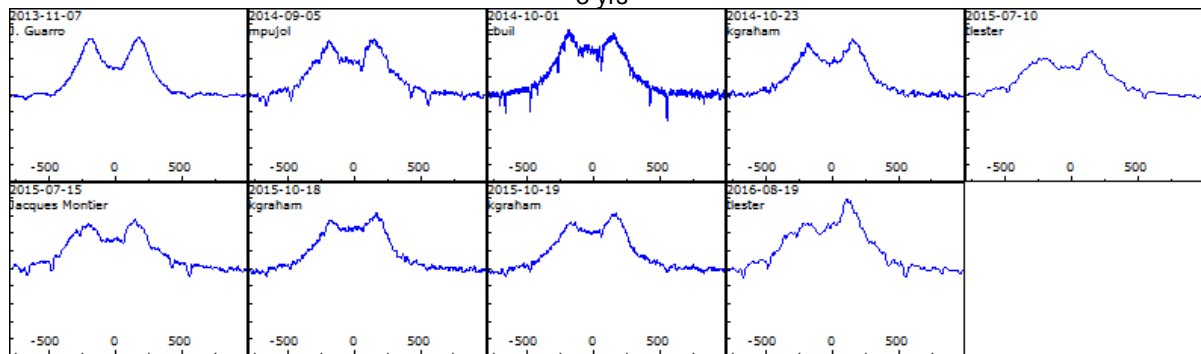


### HD 176630



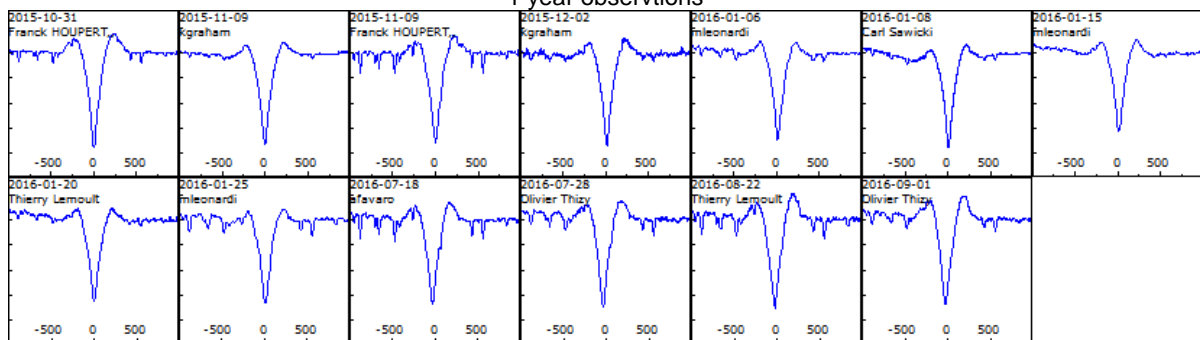
### HD 206773

3 yrs

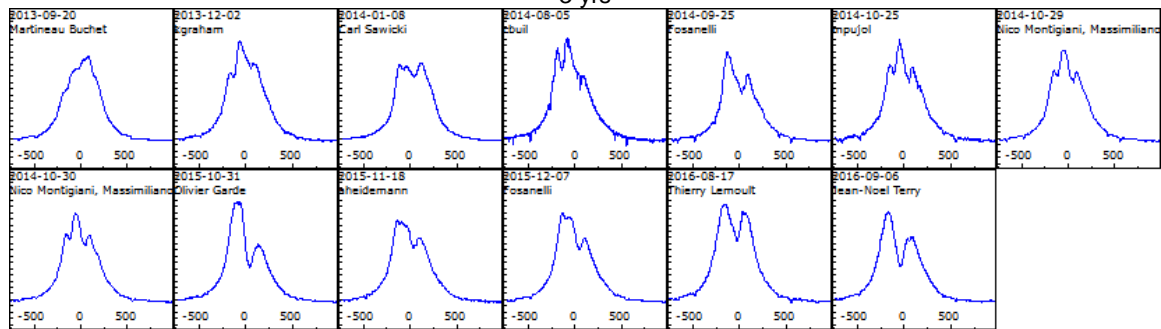


### Omi And

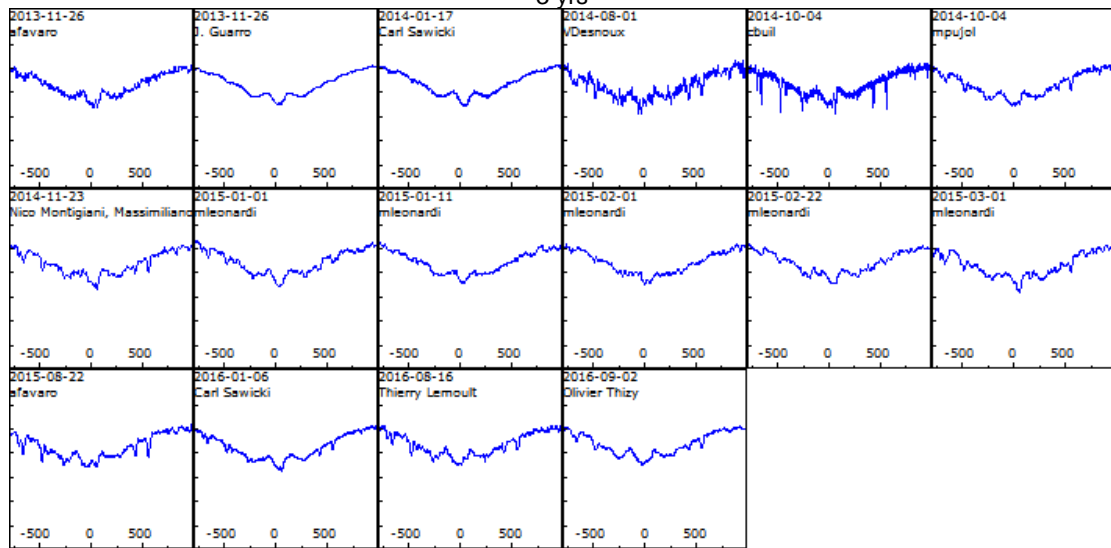
1 year observations



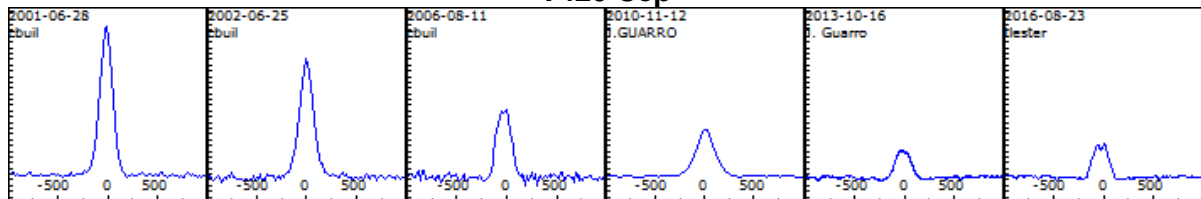
### Phi per 3 yrs



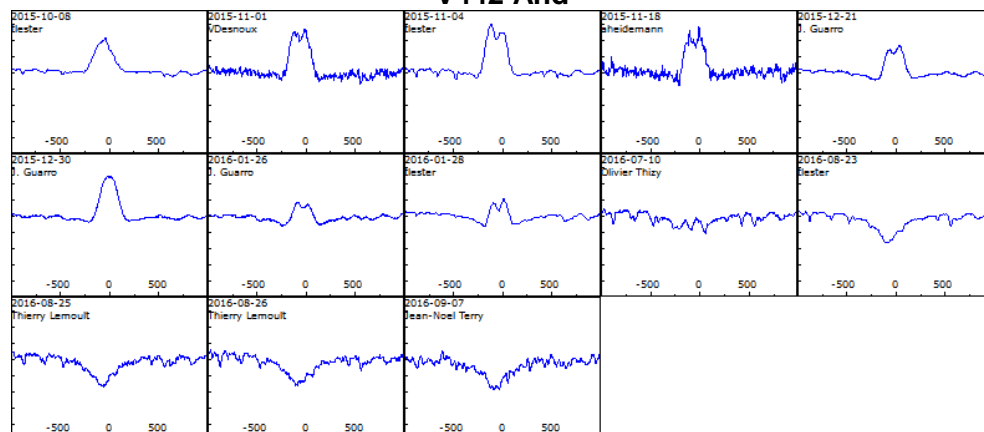
### Tet Ari 3 yrs



### V420 Cep

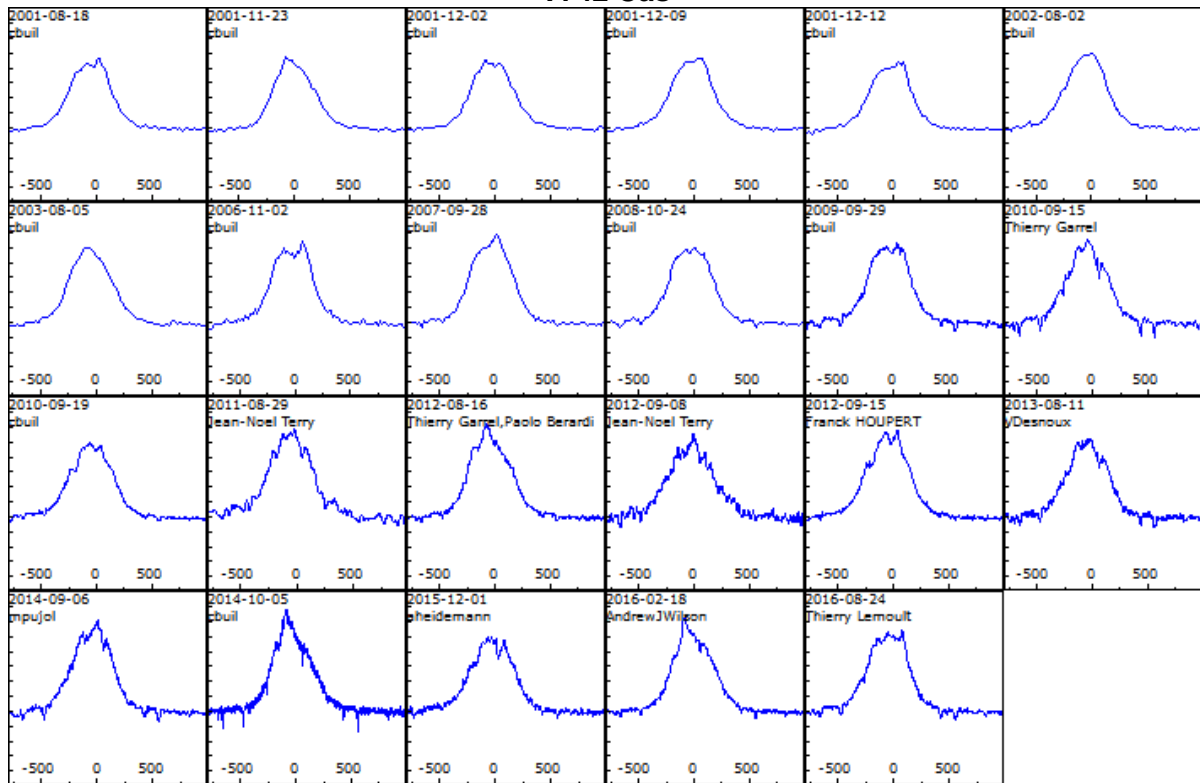


### V442 And

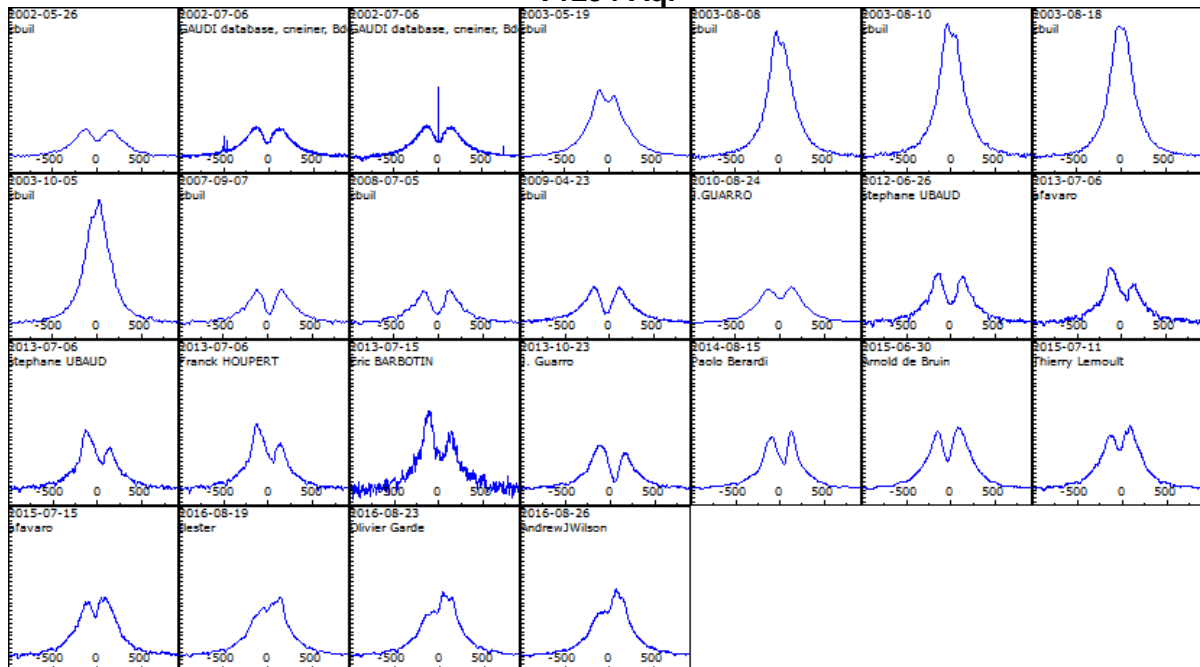




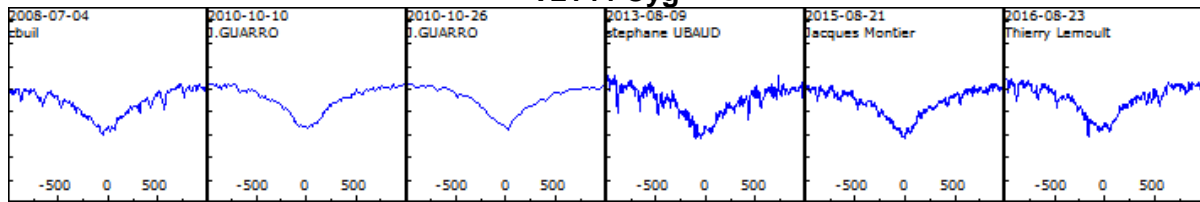
### V742 Cas



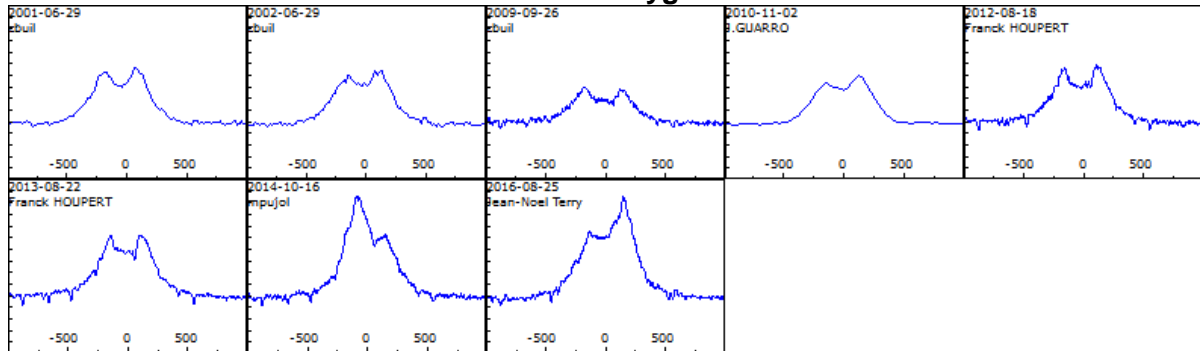
### V1294 Aql



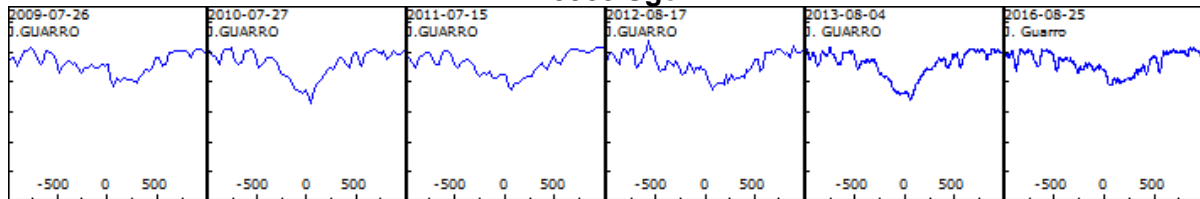
### V2144 Cyg



### V2162 Cyg

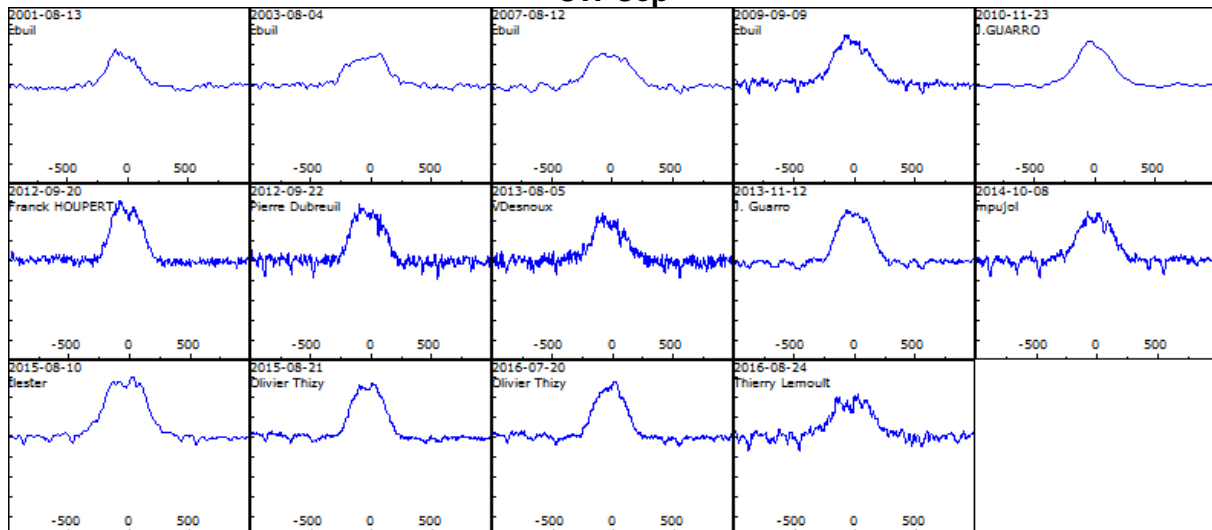


### V3903 Sge

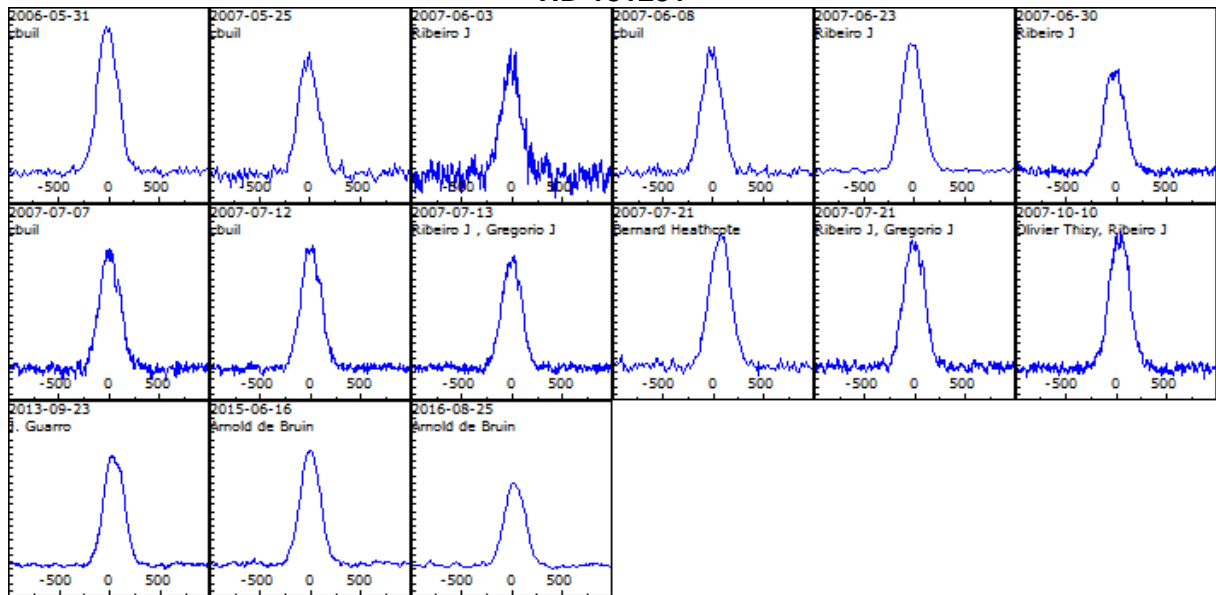


## Emission decrease of H-alpha line

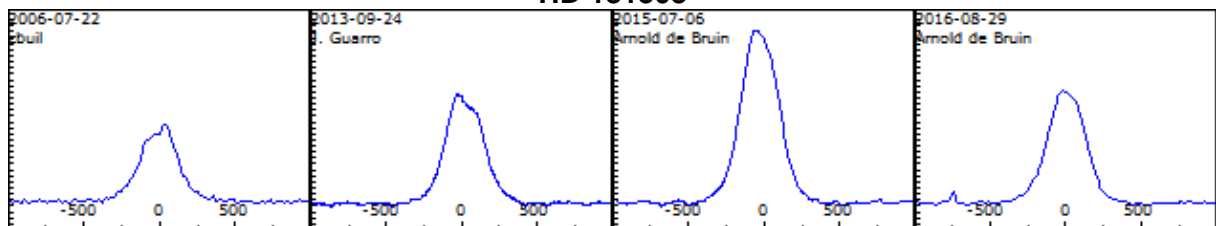
### CW Cep



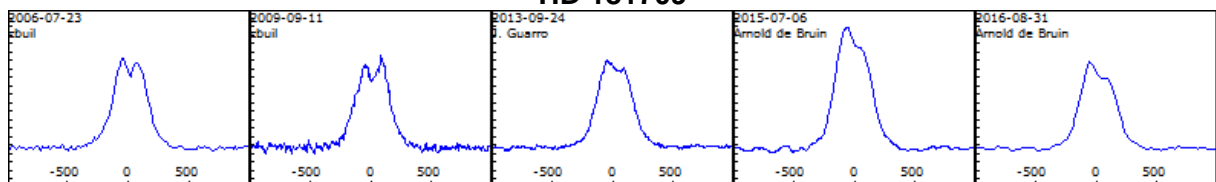
### HD 181231



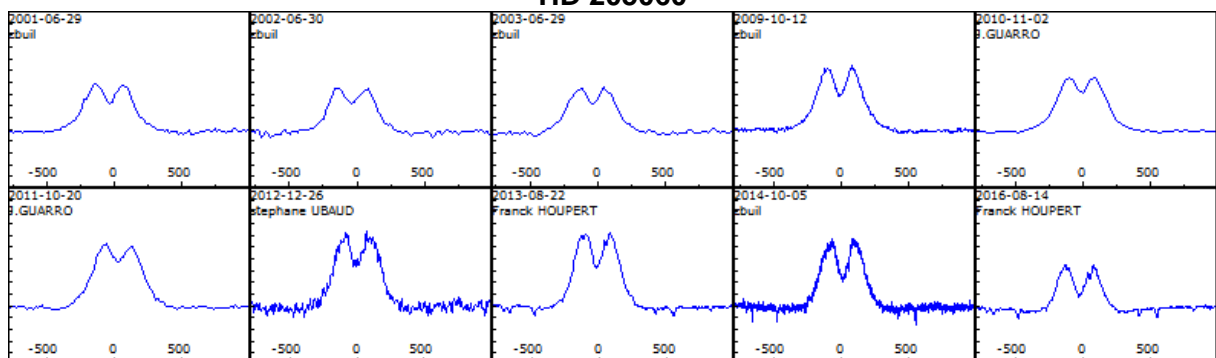
### HD 181308



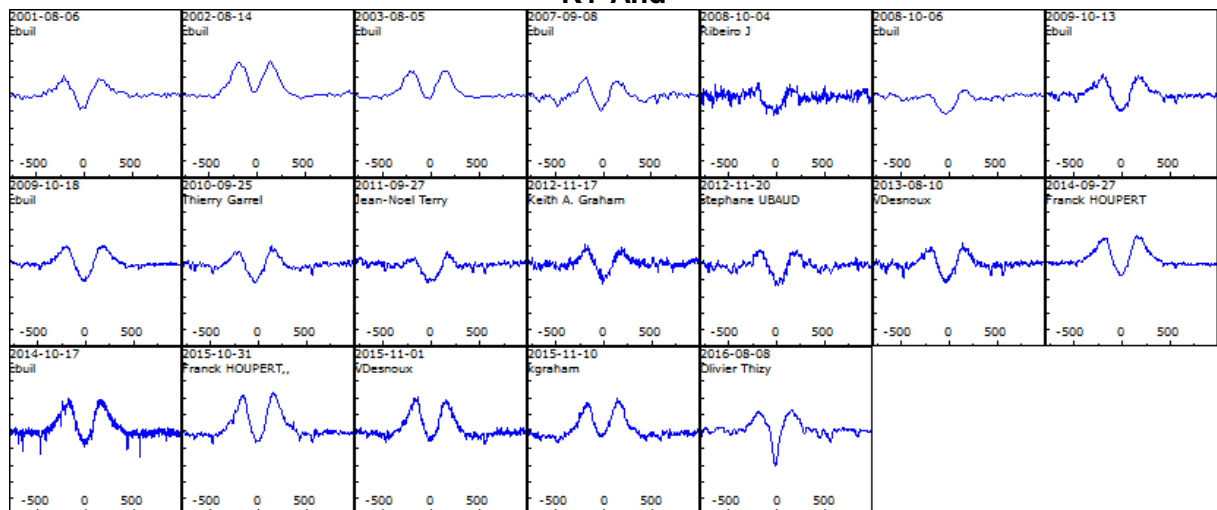
### HD 181709



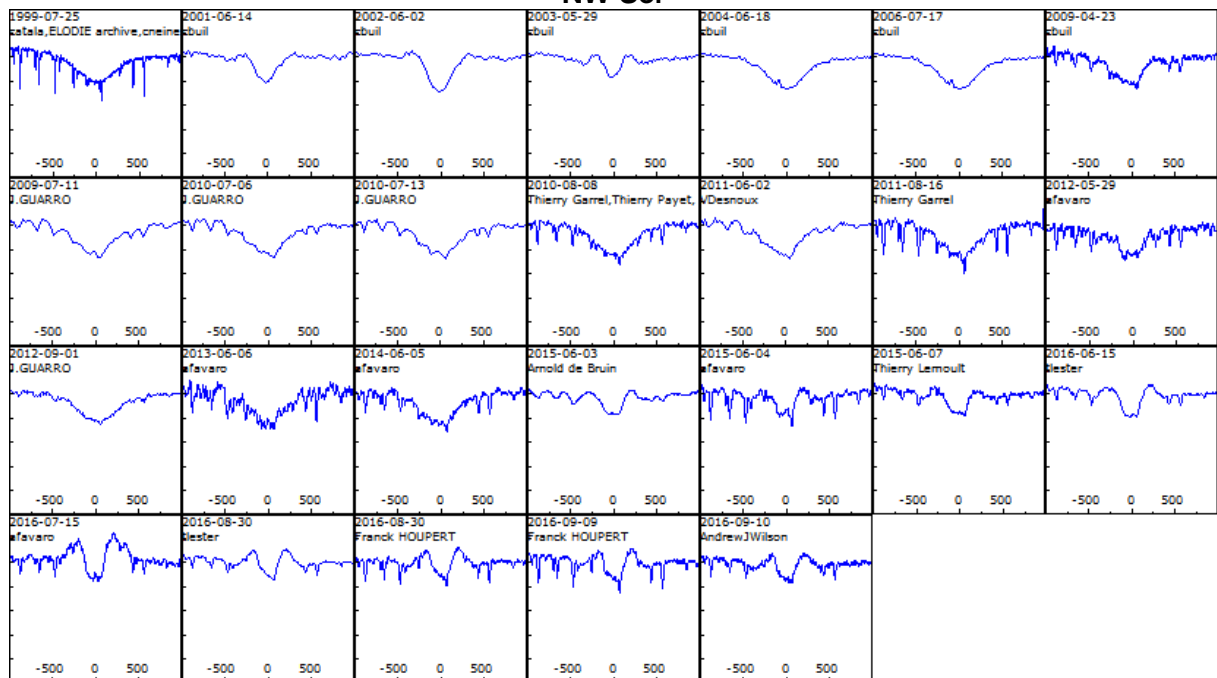
### HD 205060



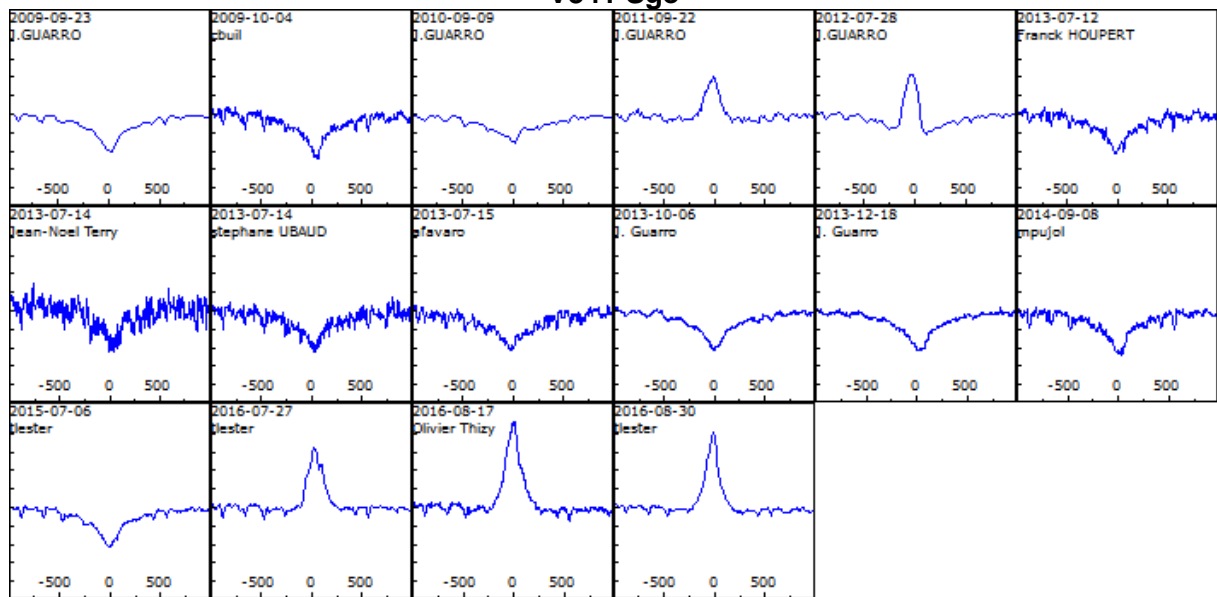
## KY And



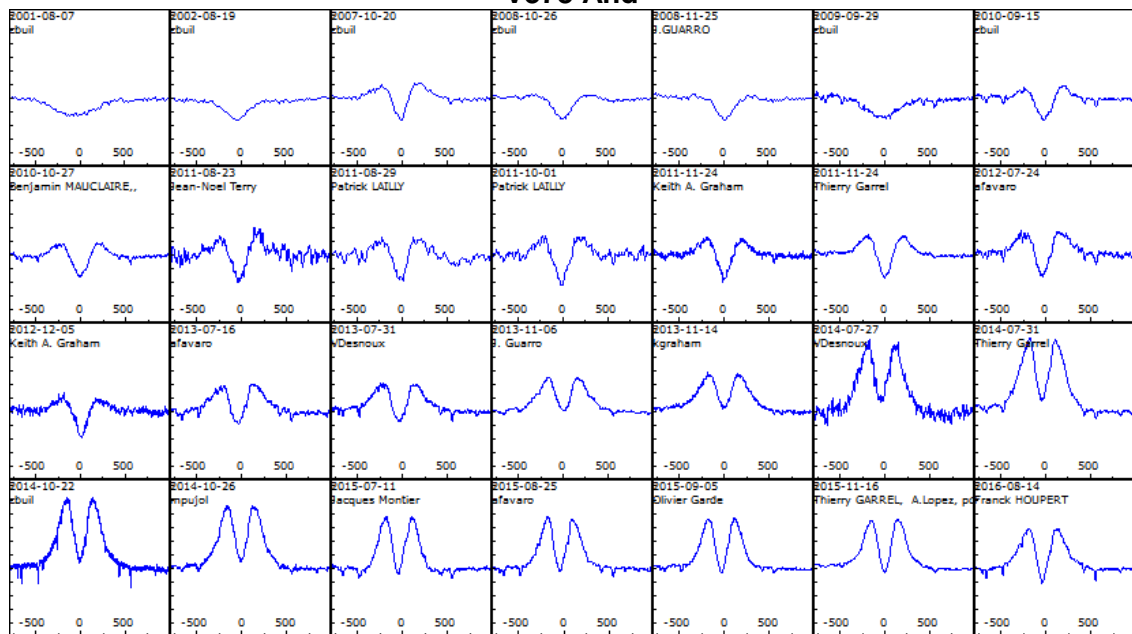
## NW Ser



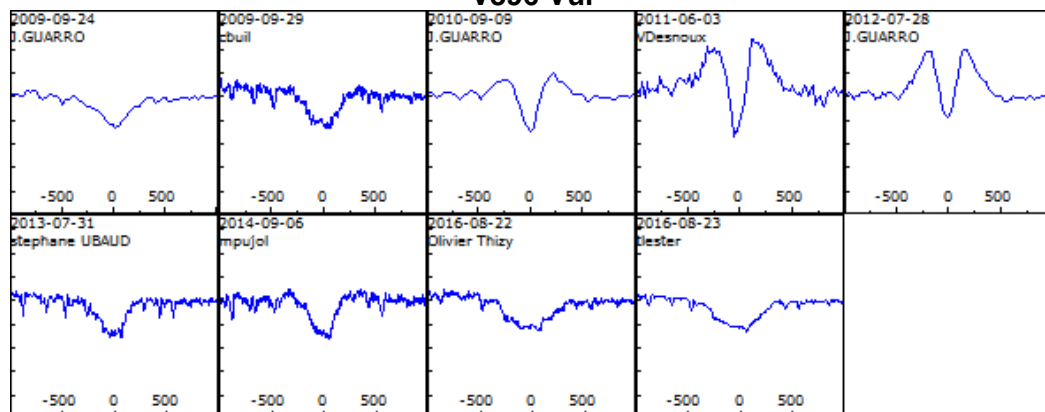
### V341 Sge



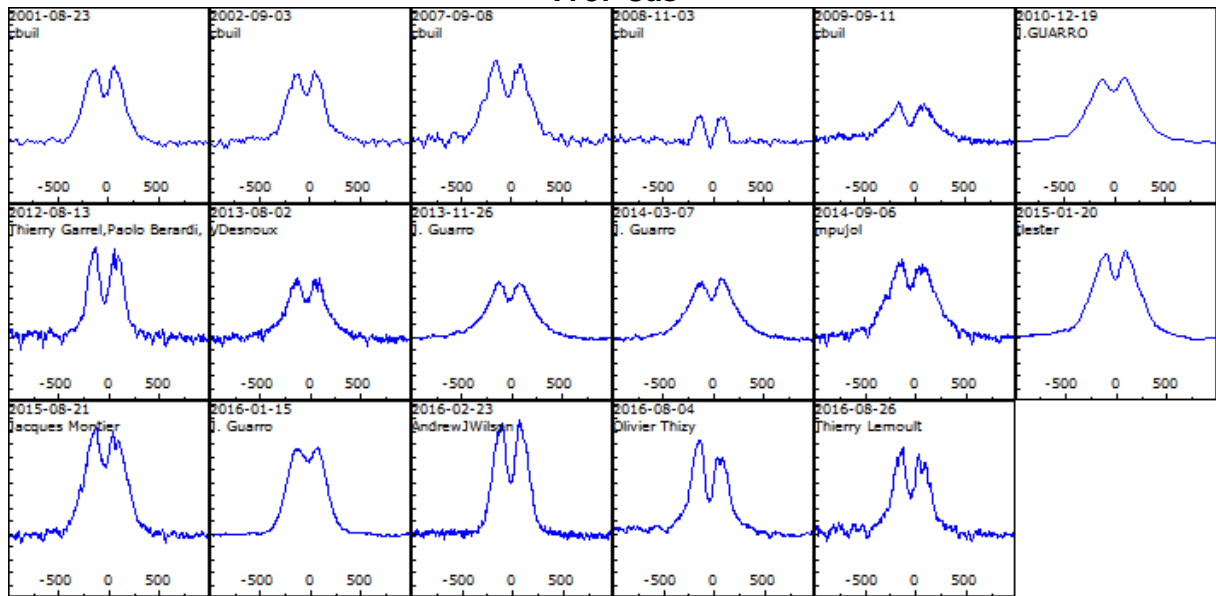
### V378 And



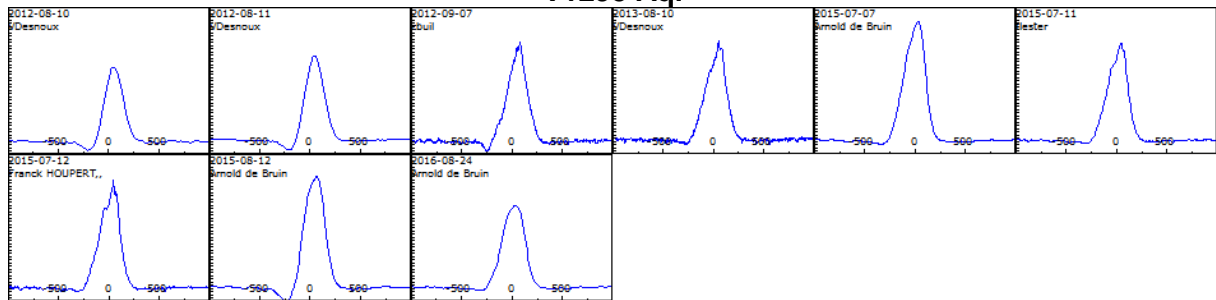
### V396 Vul



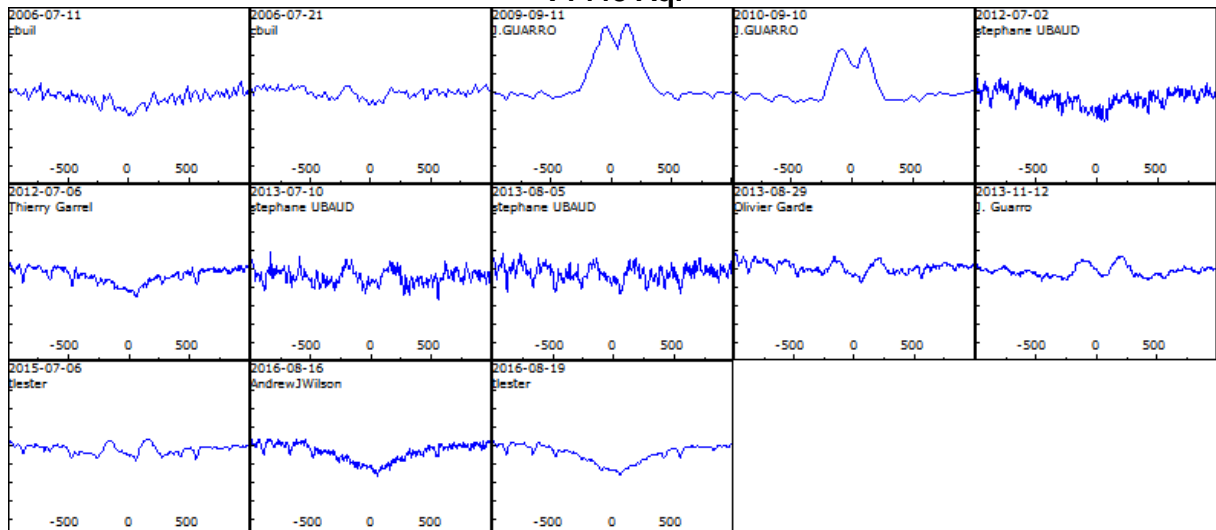
### V787 Cas



### V1295 Aql



### V1448 Aql



## ***Authors***

### **Valérie Desnoux**

[Valerie.desnoux@free.fr](mailto:Valerie.desnoux@free.fr)

Aras Site at <http://www.astrosurf.com/aras/>

BeSS database at <http://basebe.obspm.fr/basebe/>

ArasBeAM portal at <http://arasbeam.free.fr/>

### **Ernst Pollmann**

[ernst-pollmann@t-online.de](mailto:ernst-pollmann@t-online.de)

International Working Group ASPA

Active Spectroscopy in Astronomy

<http://www.astrospectroscopy.de>

<http://www.astronomie.de/astronomische-fachgebiete>