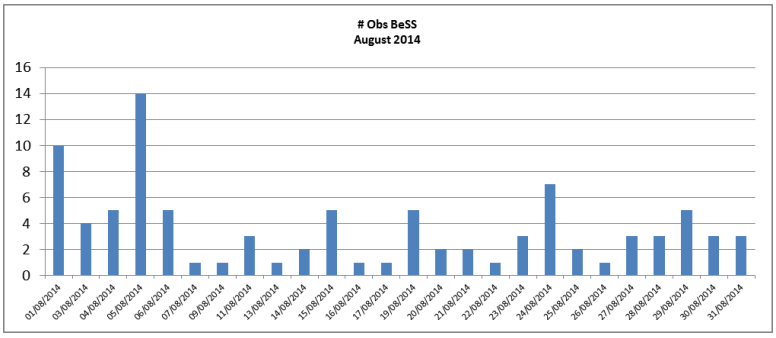
BeSS report – August 2014

Do not miss the new section on the Be projects by E.Pollmann [here]

Observateur	Nb spec
GARREL	25
Sawicki	17
Desnoux	15
Pollmann	8
Buil	7
MAUCLAIRE	5
Guarro Fló	5
Berardi	4
Bohlsen	2
Fosanelli	2
Powles	1
LAILLY	1
HOUPERT	1
Total général	**93**

- 93 H-alpha spectra acquired
- 41 objects observed
- 13 observers contributed

The most observed objects were HD 194057, Del Sco,and gam cas



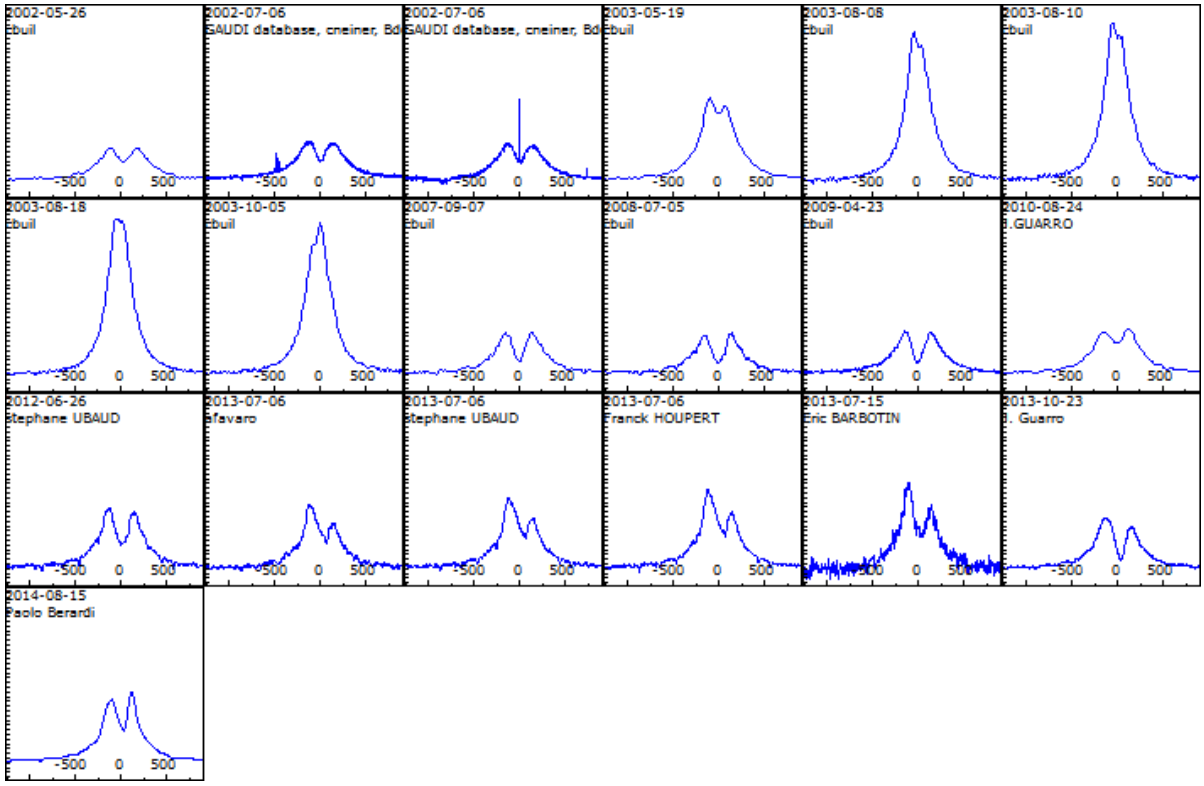
Objects observed

Classique						
HD 194057	ELECTRA	V1339 Aql	BK Cam	V1294 Aql	omi And	48 Lib
del Sco	66 Oph	10 Cas	V2155 Cyg	tet Ari	HD 216057	HD 171780
gam Cas	chi Oph	HD 224544	60 Cyg	HD 150230	PLEIONE	HD 195554
HD 194779	HD 193182	V421 Cep	tet CrB	QR Vul	HD 195407	nu Cyg
V442 And	HD 23552	zet Oph	16 Peg	HD 149671	phi Per	25 Cyg
pi Aqr	HD 181409	HD 18552	V801 Cas	ups Sgr	omi Her	SHELIAK

Emission increase since last observations

V1294 Aql

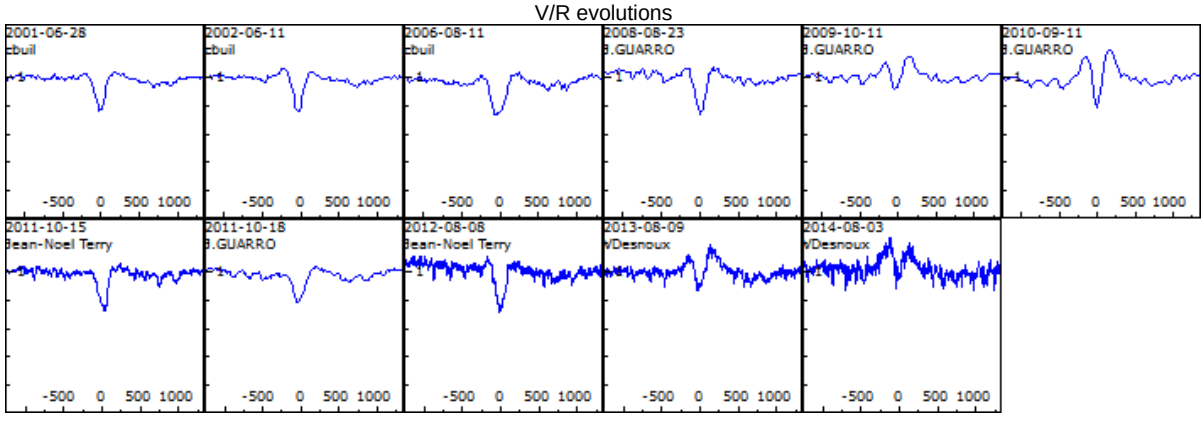
Slight emission restart



Moderate evolutions of H-alpha line

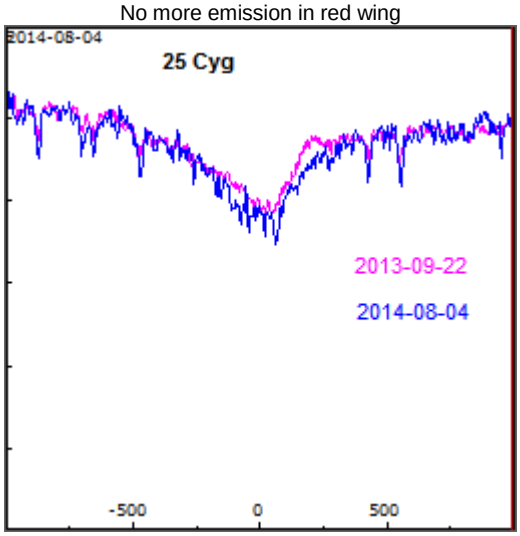
V421 cep

V/R evolutions



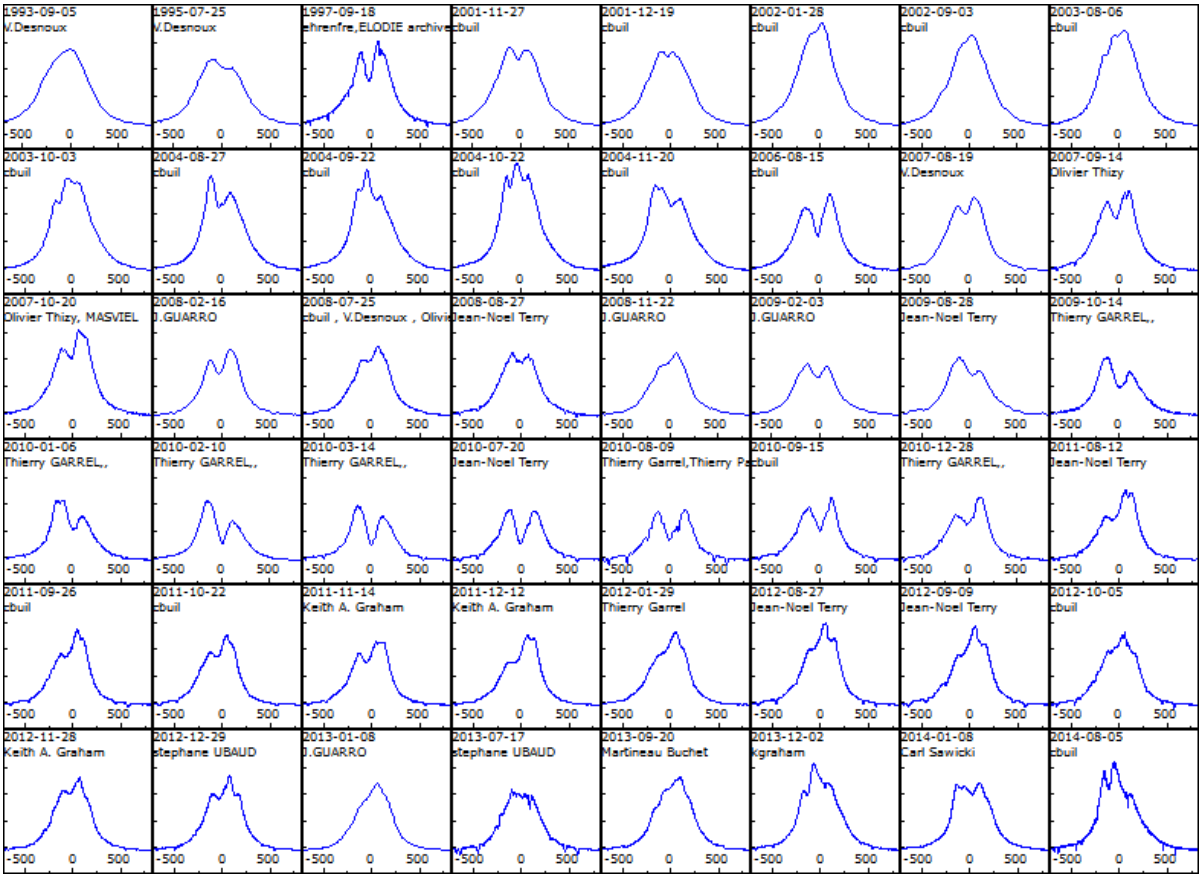
25 cyg

No more emission in red wing



Phi Per

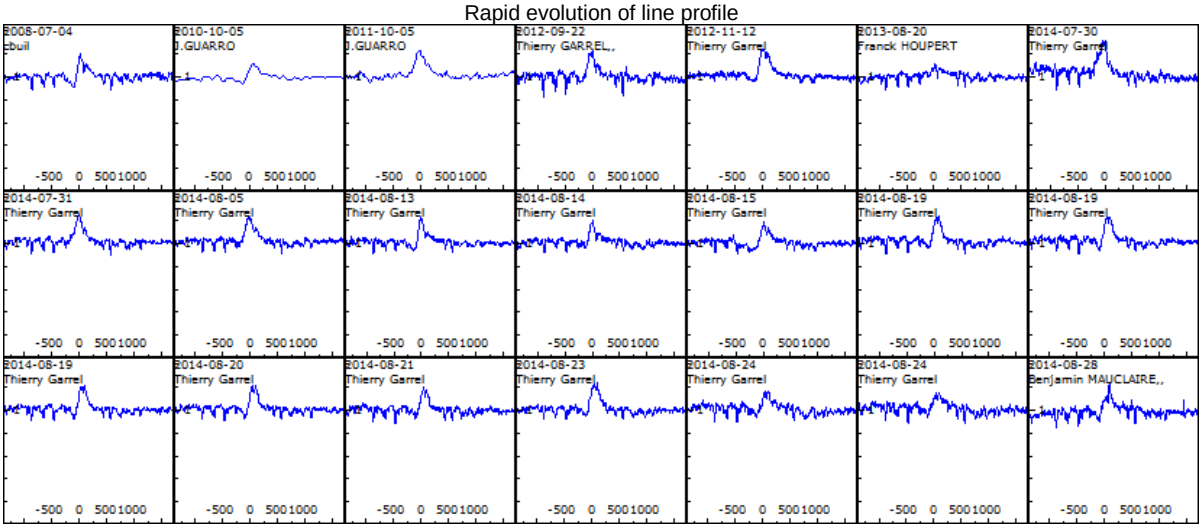
Multiple peaks intensity evolutions



Emission decrease of H-alpha line

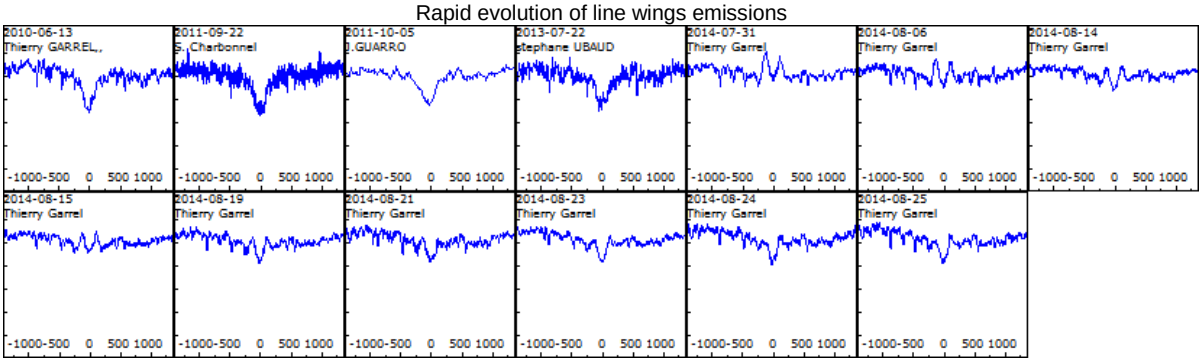
HD194057

Rapid evolution of line profile



HD194779

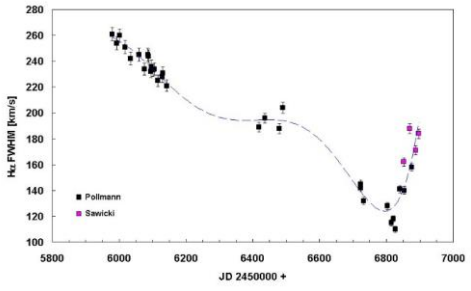
Rapid evolution of line wings emissions

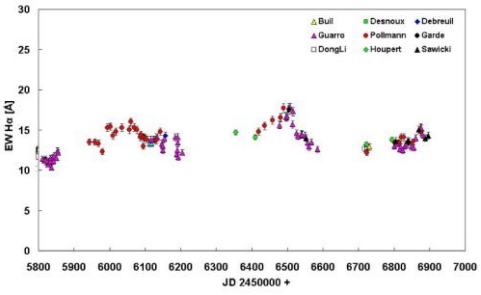


Be monitoring projects

By Ernst Pollmann

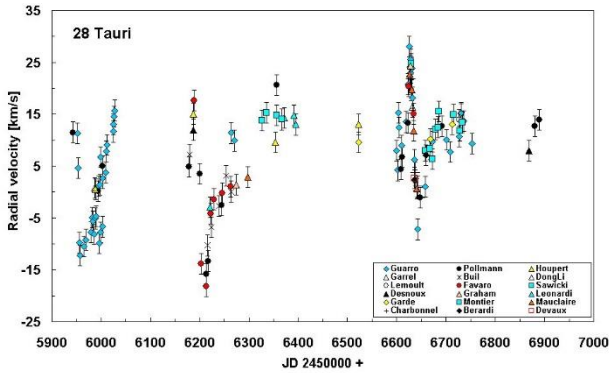
delta Sco: conclusion of the last observation period:
Halpha FWHM is increasing further, which means, that the disk radius becomes smaller. On the other hand the Halpha EW is more or less on the same level since months (see: delsco_Halpha), while the disk density is growing.





28 Tau:

The last periastron took place on August 1. Unfortunately there were no observations at that time. But Valerie´s and my observations are showing the rise of RV after this event (see: RV_28tau). The V/R ratio is not so clear. The next periastron will take place next year on March 18. Don´t forget to observe this event.



Pi Aqr:

V/R monitoring is further required of our professionell colleagues Sergej Zarikov and Anatoly Miroshnichneko

We have to monitor the stability of the 84 days period in context of the influence of the secondary, remember our A&A paper, June 2013.