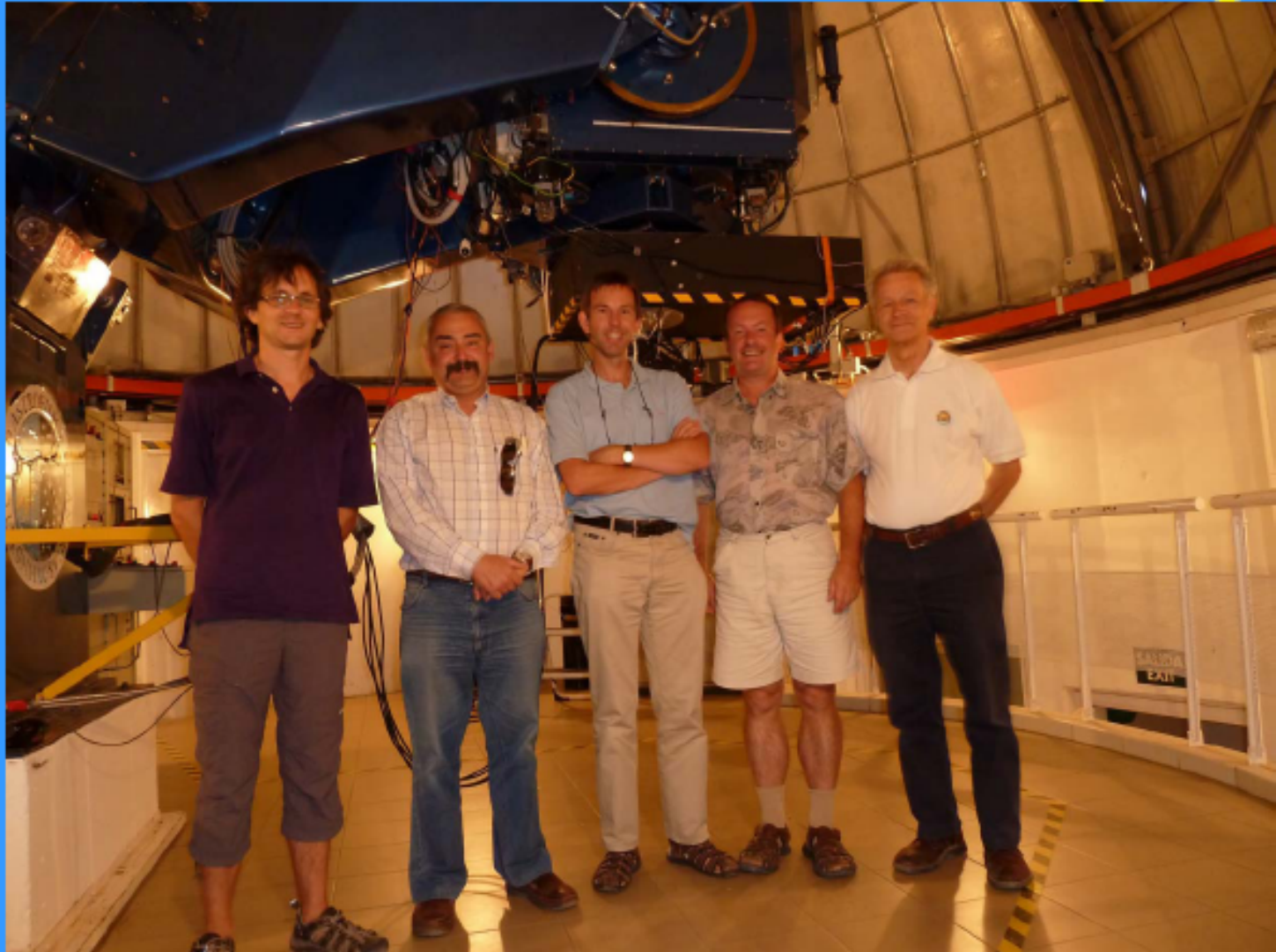


The IAC80 Periastron Campaign



Observatoire de Paris 2017-10-24

Jose Ribeiro

Beginnings: OHP 2010



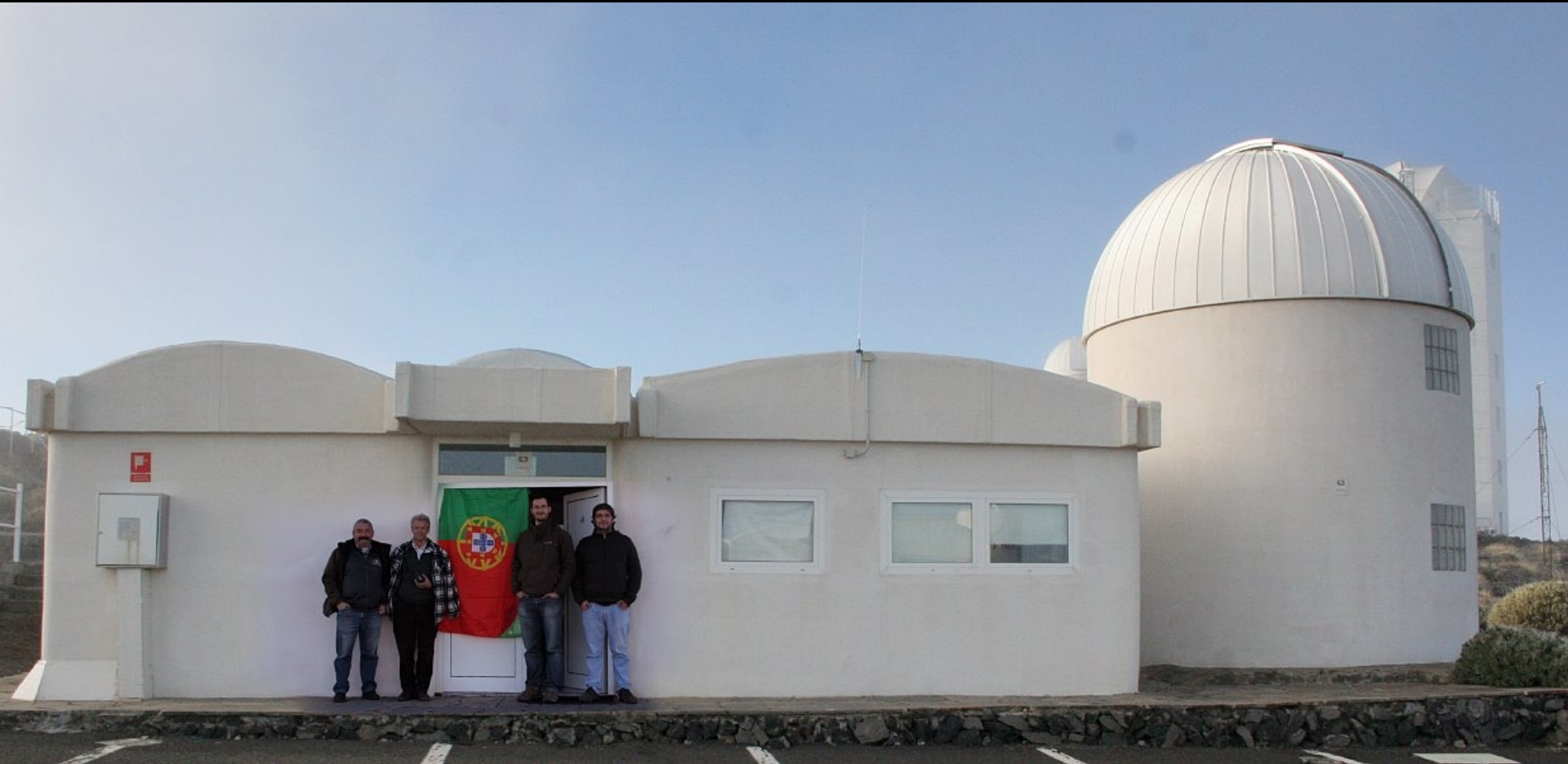


Stellar Winds in Interaction Workshop Convento da Arrábida 2010



Teams

MONS Telescope Tenerife 2009



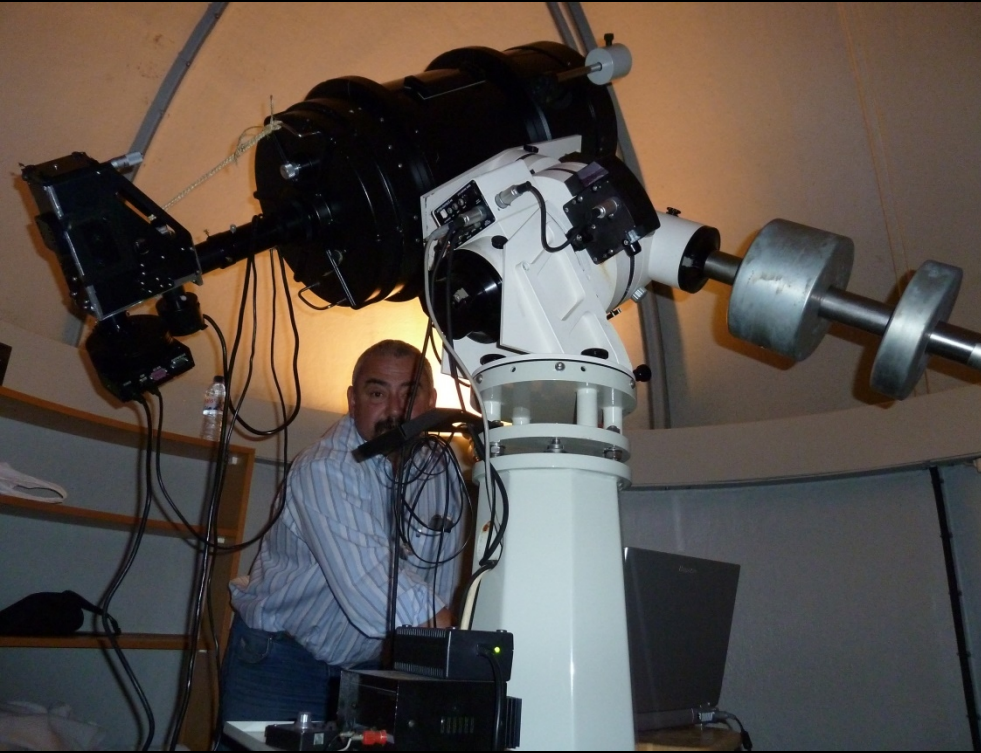
The Team



Backup Instrumentation



Instrumentation Preparation



Instrumentation Preparation



Instrumentation Preparation



Instrumentation Preparation

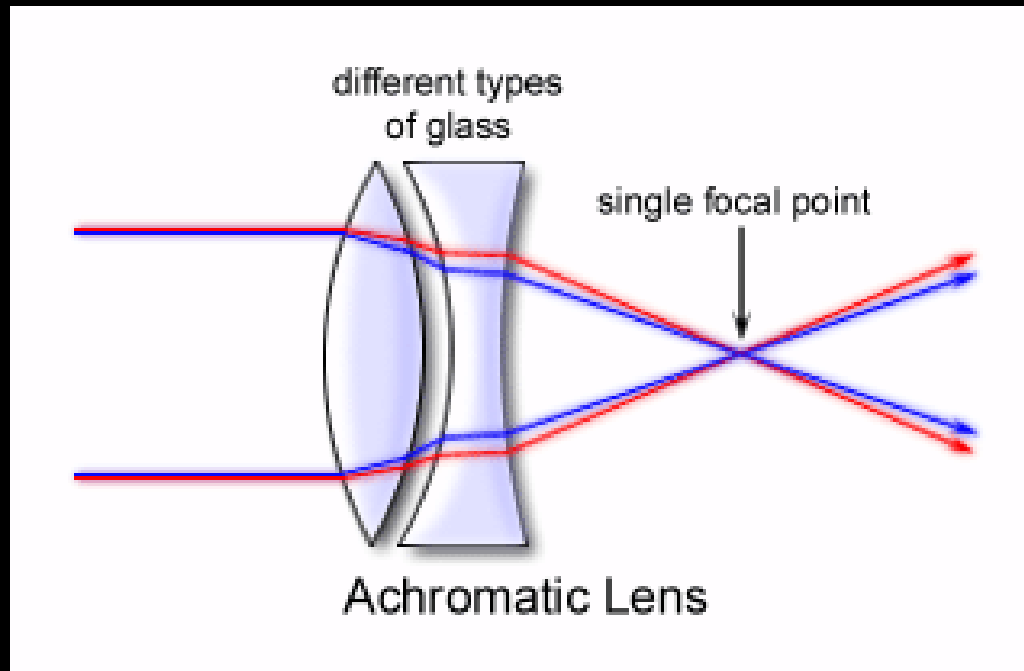
The phantom of loosing light due to 11m focal length!

The fear of spectral resolution loss on bluer wavelengths

Average seeing of 0.8 arcsec. plus 1,5 Vmag. main target on a 80 cm mirror???

Option: slit of 19 micra for a kaf3200 main camera

Instrumentation Preparation



Working on blue and red best focus on blue,

We achieved $R=21000$ B and $R=17000$ R

At the Observatory



At the Observatory

Open Issues

Attach spectrograph to the telescope

Screen for dome flats

Connection between telescope and control room



1st Night, Murphy's Night

Windows blue screen

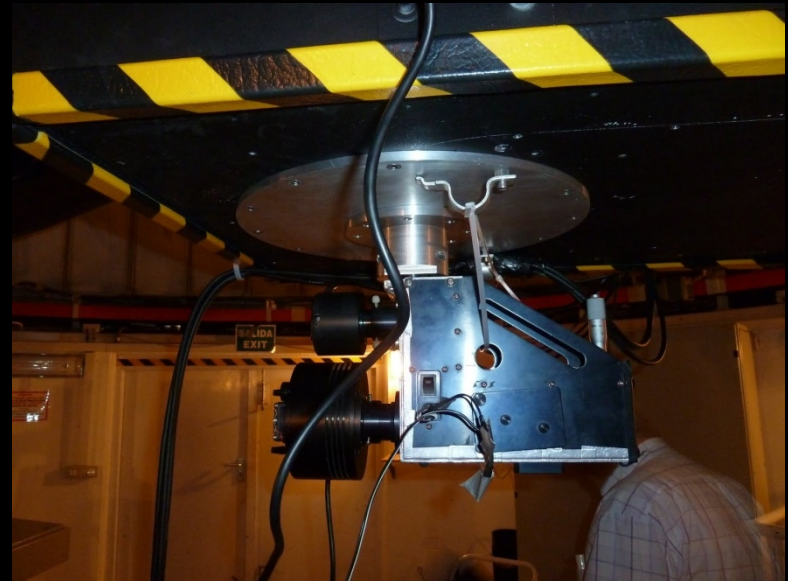
Unable to reach focus

We gave up the lamp system to manage focus

Lamp issues – Direct Injection

BUT

Fovea out-of-focus



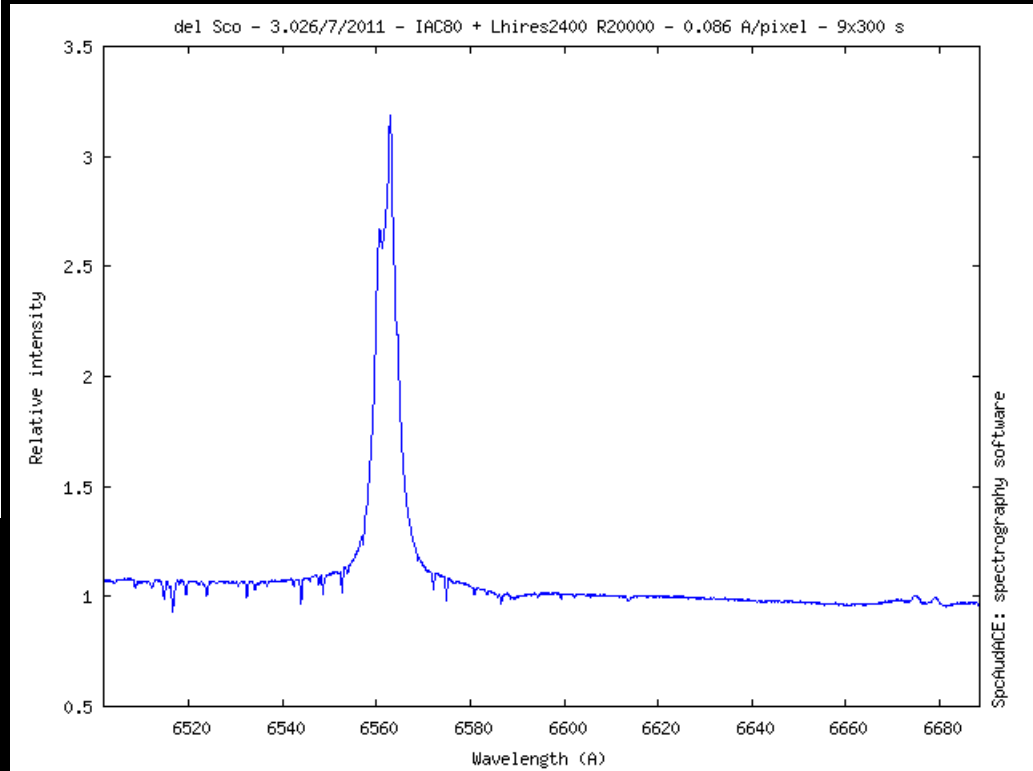
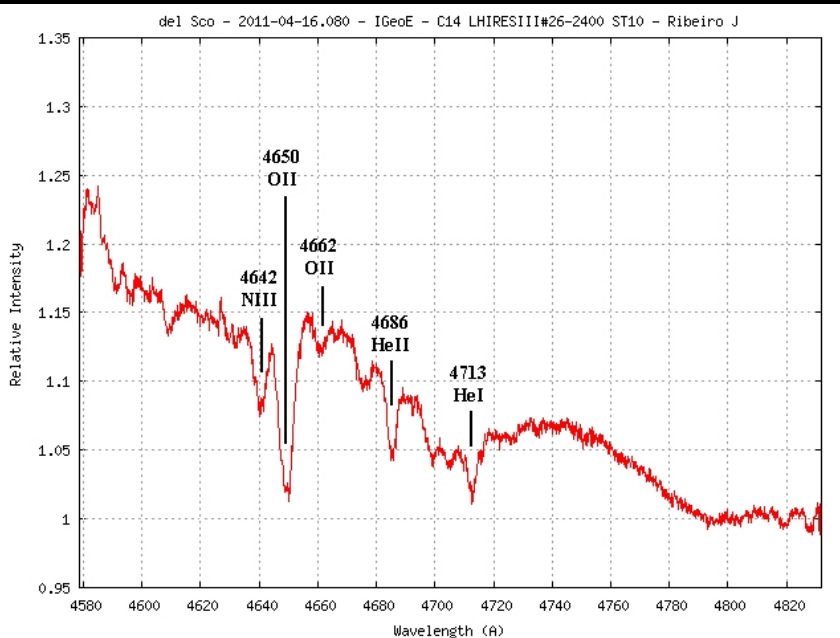
1st Night, Murphy's Night



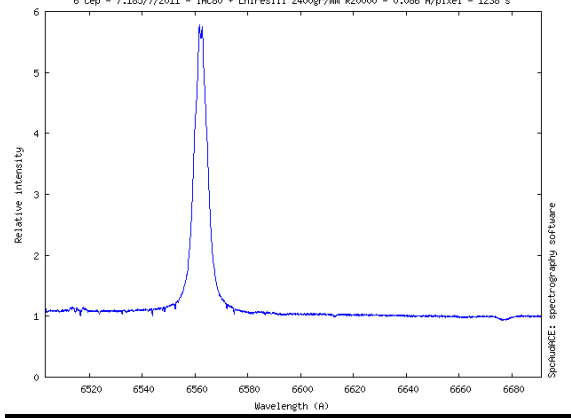
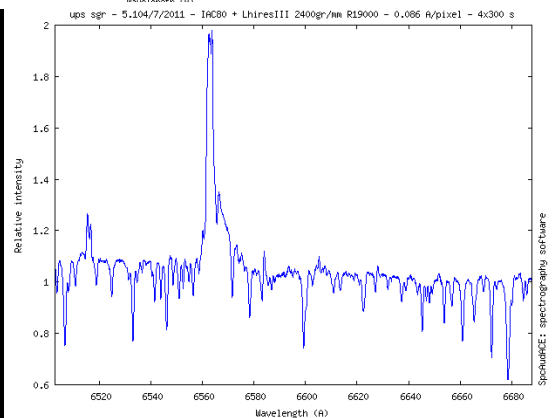
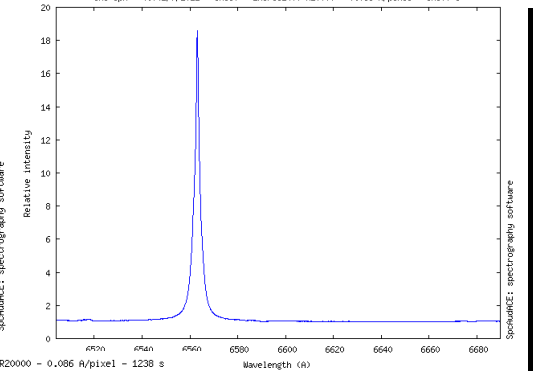
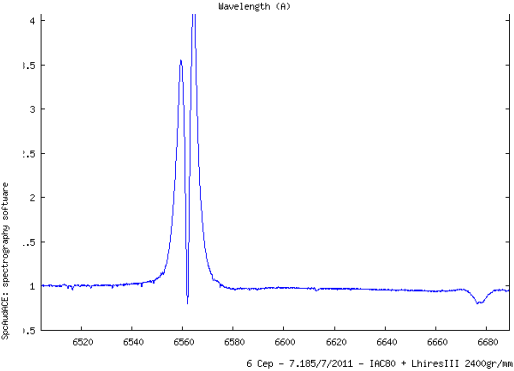
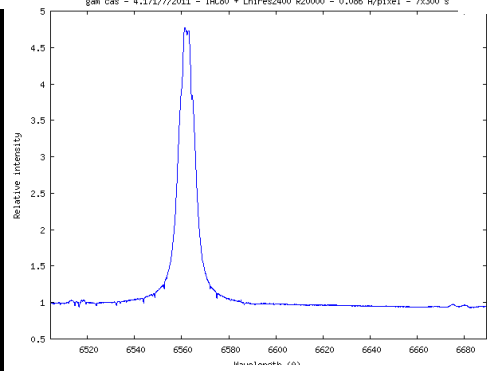
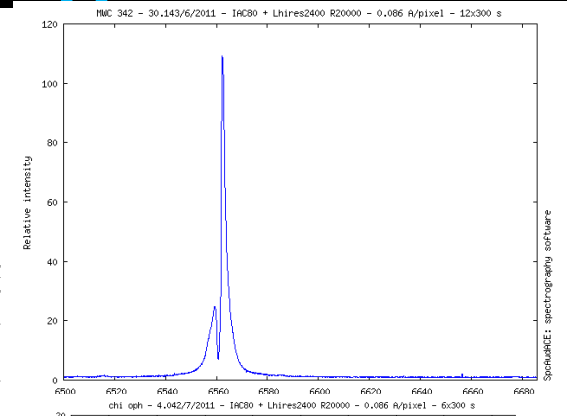
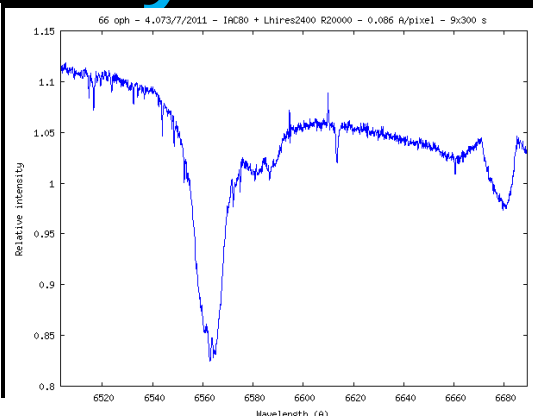
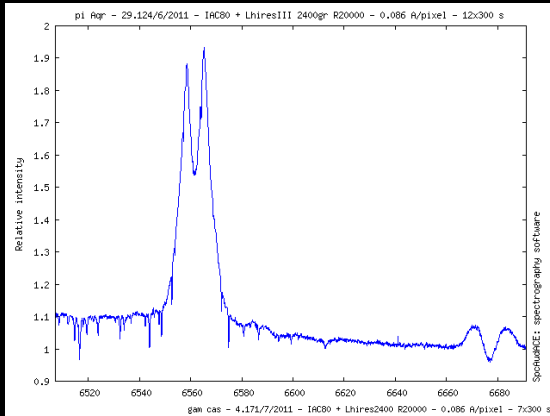
Finally Working!!

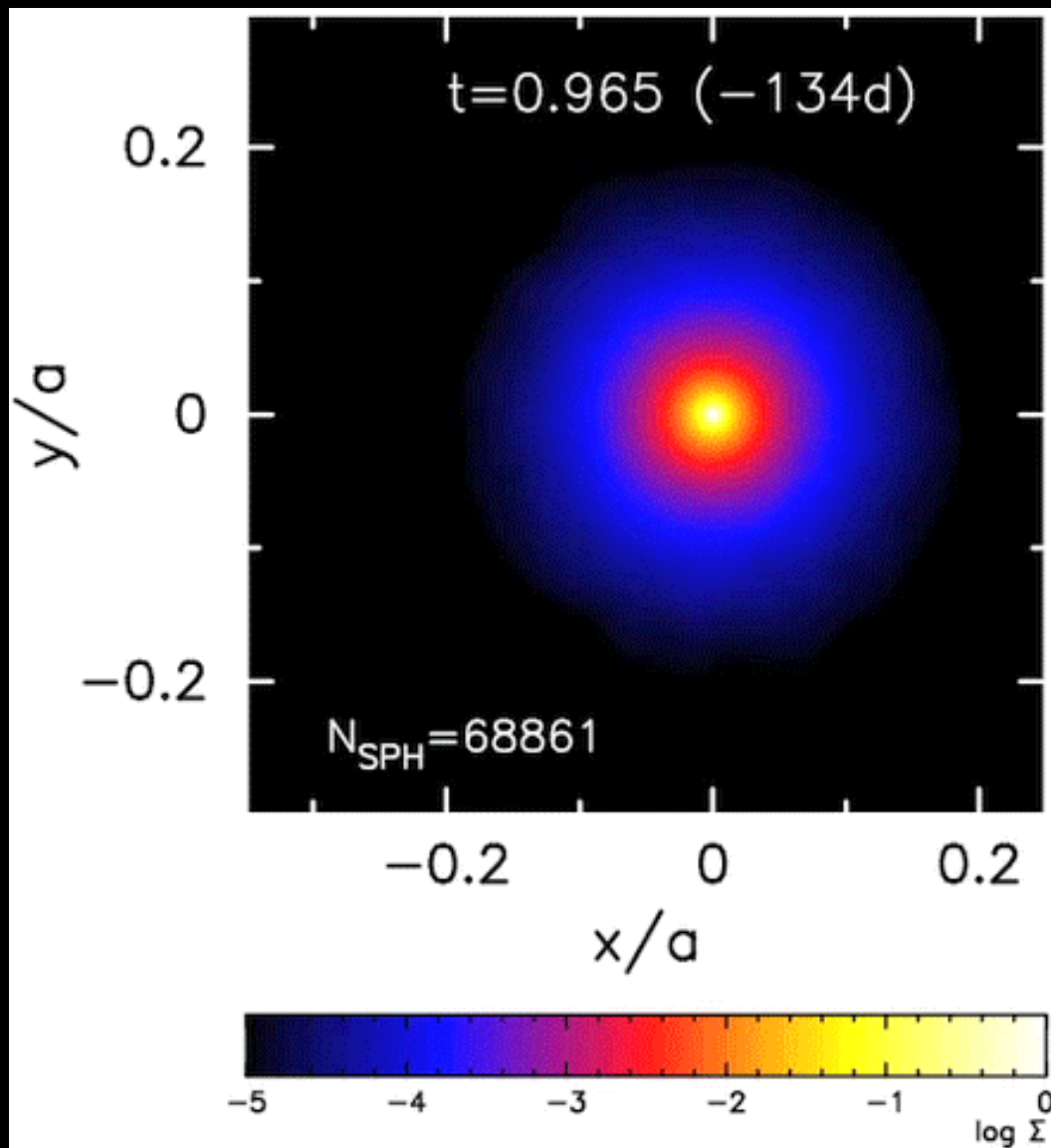


Finally Working!!

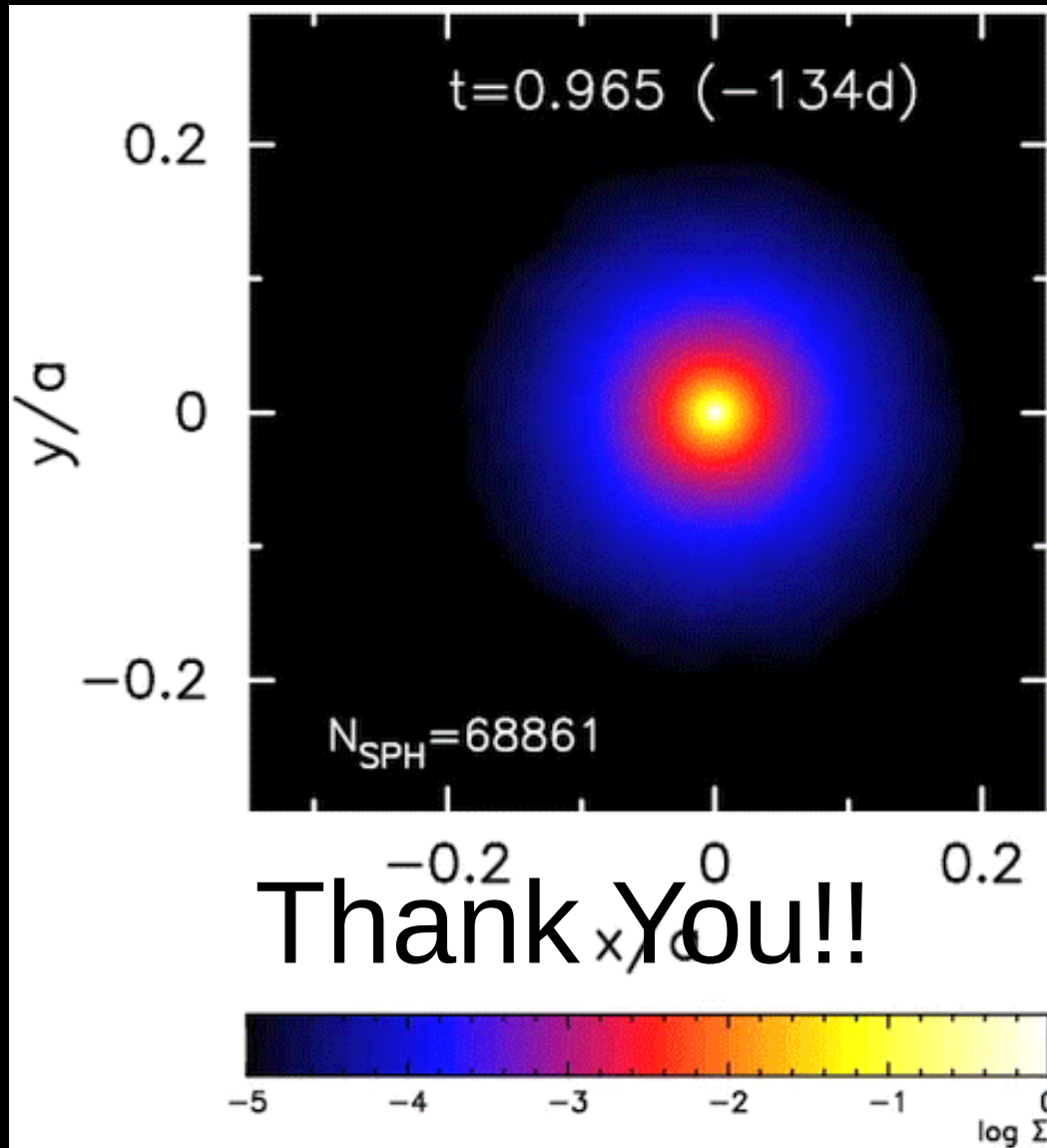


Finally Working!!





Atsuo Okazaki
 δ Scorpii: Model for the 2011 periastron



Atsuo Okazaki
 δ Scorpii: Model for the 2011 periastron