

Night Reports: 15 August 2008

165 cm Telescope:

Group 2: 22 – 01

Weather: cloudy and rainy, no observations

Observations: pulsating WD PG 2303+243

Group 9: 01 – 04

Collected data: None

Comments: Thunder storm throughout the night.

63 cm Telescope:

Group 7: 22 – 01

No observing due to clouds and rain

Group 10: 01 – 04

Collected data

- object: V2109 Cyg (radial velocity measurements)
- number of data points: 0
- exposure time: -
- start time (UT): 22:00
- end time (UT): 01:00

Other information: observations were canceled due to storm.

Maksutov Telescope:

Group 1: 22 – 01

Due to bad weather we could not follow the scheduled program and search for asteroids with the Maksutov telescope. This meant that we have not yet obtained any data points, from out 4 half nights of observations, therefore the telescope operator kindly offered to led us observe the lunar eclipse on the 16.08.08.

Observers: Eugene and Thomas

Group 8: 01 – 04

We were supposed to search for asteroids, but due to bad weather conditions we could not do any of the scheduled observations.

IAC-80:

Group 4: 23:00 – 02:00

Due to technical problems on Teide site, the observation was canceled.

Group 3: 02:00 – 04:15

Object: PG 2303+243

- Telescope: Teide (IAC-80)
- Number of data points – 0
- Exposure times used: none.
- Start 2:00 (UT)
- End 4:00 (UT)

Other info: The computer on telescope site didn't work

Observers: Gintaras & Vitalii

Nordic Optical Telescope:

Group 5: 23:00 – 02:00

Collected Data:

Program “Doppler imaging of Ap stars: spectra of stars HD170000 (2 min exp) and HD184905 (10 min exp) was observed at the beginning of observation run as requested.

Spectra of two RHB stars was obtained:

BD+11 2998 (V=9.1mag, exp=60min)

HD150875 (V=8.3mag, exp=30min)

Other info/Weather conditions:

As far as was possible to determine remotely, weather conditions was perfect.

Group 6: 02:00 – 04:15

Observers: Perttu&Edita

Collected data: RHB stars spectroscopy and Doppler imaging.

Objects:

RHB stars:

DM+253410 (~1h 17 min)V=9.4

HD216953 (~6min) V=6.3

Doppler Imaging Ap stars:

HD 170000 (2 min.) V=4.2

HD 184905 (10 min.) V=6.6

Start(UT): 23:00

End (UT): 01:15

Other info: Calculated SNR~180, FIES Fiber-4 high resolution