Night Reports: 13 August 2008

165 cm Telescope:

Group 7: 22 – 01

Observers: Annalisa and Shahin

Collected data:
- **Object:** The star TYC 2636-195-1 (WASP 3)
- **Number of images:** 420 (in both V and I filters)
- **Exposure time:** 10 sec
- **Start:** 19:38:00 UT
- **End:** 21:46:00 UT

Other information:
According to the 2653 ms readout time, calculated by the WinView (the telescope controlling software), the initial exposure time was set to 17 sec. This exposure time was later changed to 10 sec in order to reduce the large number of counted electrons and avoid the overexposure. Two filters, V and I, in the standard Johnson system, were chosen for the observation; in order to monitor the transit in different colors. We alternate the filters every 10 exposures. The weather condition was acceptable for 2 hours observation!

Group 10: 01 – 04

Observers: Vidas & Kosovare

Colected data
- *object:* RXJ 2117+3412 = V2027 Cyg
- *number of data points:* 0
- *exposure time:* -
- *start time:* -
- *end time:* -

Other information: It was cloudy from 01:00 till 03:00 (local time)

63 cm Telescope:

Group 8: 22 – 01

Collected data for HD147506:
• Number of data points: 5
• Start: UT 19:45
• End: UT 20:45
Collected data for 2109 Cyg:
• Number of data points: 6
• Start: UT 20:45
• End: UT 21:45
We had good conditions for the observations of HD147506. The three last data points for V2109 Cyg were slightly disturbed by clouds.

Group 1: 01 – 04

Collected Data:

- Object: V2109 Cyg
- Number of data points: 0
- Exposure time: none
- Start (UT): 22:00
- End (UT): 00:00

Other info: Due to clouds we were not able to obtain any data at all

Observers: Eugene and Thomas

Maksutov Telescope:

Group 9: 22 – 01

- Collected data:
  -Asteroid search
  -Exposure time: 120 Sec/Science frame
  -3x10 Science exposures + Dark/Bias (Asteroid search in 10 areas)
  -UT start 1950h / UT end 1000h
- Comments: Excellent weather at start with seeing ~ 6" at airmass ~ 2.5
  Cloud cover at UT 0930h
  Time lost due to clouds on our observation time ~ 30min

Group 2: 01 – 04

Weather: clouds over the whole observing time.

Observations: searching for asteroids.

What was suppose to be done:

- make 3 images in every field every 30 mins or so and then reduce data and detect

visually asteroids.

- Software *Astrometrica* to demonstrate the reduction and detect asteroids by blinking the images

- At 0202 we point the telescope to a bright star to check the pointing of the telescope but the clouds thickened and we did not finish the test.