

## A short report on the 2009 UCL Field Trip visit to OHP

Eight students from University College London took part in a Field Trip visit to OHP early in 2009, accompanied by two members of staff from UCL.

The Field Trip was awarded 6.0 nights (January 27-February 1) on both the 1.52-m and the 1.20-m telescopes. The weather provided good observing conditions during 4.0 nights. Spectra of 12 normal and chemically peculiar spectroscopic binary stars were obtained with Aurélie on the 1.52-m telescope over the wavelength range 7740–7790 Å. Radial velocities (by cross correlation) were investigated by the students. Partial velocity curves were produced for several systems.

B- and V-band photometry of the RR Lyrae stars RR Gem and XY CVn was obtained with the 1.20-m telescope. Light and colour curves were obtained for both stars, enabling confirmation of period, amplitude and variable type.

All eight students wrote lengthy project reports on their observations, which they submitted for assessment as part of their BSc or MSci degree studies. The eight students all passed the Field Trip course, and they found their visit to OHP to be a most rewarding experience.

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