

Talk at Splinter Meeting

Splinter J

EXOPLANET TRANSIT AND ECLIPSE OBSERVATIONS WITH MODS
AND LBC

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Spectrophotometric observations of transits and secondary eclipses of extra-solar planets offer the opportunity to characterize the planetary atmospheres. However, the targeted signals of the atmospheres are very small and their detections are at the edge of feasibility of ground-based instruments. In this talk, I am going to present successful observations taken with the LBC and MODS. I will focus on the photometric precision we achieved with both instruments and our gained experience about its limits. Briefly, I will tell about the scientific results we obtained for the atmospheres of our planetary targets.