7/13/2015 SSW

Collura, Maria Giulia Monitoring the variability of bright exoplanet host stars

The five most easily observable currently known super-Earths and Neptune-size exoplanets constitute the objects of a large HST program to study their atmospheres. In support of the program, we are monitoring the variability of their host stars with the LCOGT network. We will use these observations to better interpret the transmission spectra of these exoplanets' atmospheres.