

Poster

OBSERVATIONS OF THE Ca II IR TRIPLET IN HIGH LUMINOSITY QUASARS: EXPANDING THE SAMPLE

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We present spectroscopic observations of 10 quasars at intermediate redshift obtained with the Infrared Spectrometer and Array Camera (ISAAC) on the ESO Very Large Telescope, covering the region of OI 8446 and the CaII triplet 8498, 8542, 8662. The new observations almost double the size of the sample described in Martinez-Aldama et al. (2015) that contained almost all CaII observations previously available for intermediate z quasar. The new spectra cover CaII in one of the relatively rare, extreme Population A quasars, and allow for a more refined and statistically significant discussion on low-ionization line formation and recent episodes of star formation in intermediate redshift quasars.