

Workshop

Stellar End Products: The Low Mass - High Mass Connection

ESO Garching, 6-10 July, 2015

Nicholls, Christine

Title:

A CRIRES-POP atlas of the K giant 10 Leo

Abstract:

CRIRES-POP will provide a database of high res, high S:N, NIR spectra of stars across the HR diagram. Relevant for the AGB community will be high quality reference spectra of several cool evolved giants. These atlases will be valuable for future research, featuring comprehensive line IDs, abundances, isotope ratios, and stellar parameters. Observations are complete, and reduction and analysis of the spectra, with improved telluric subtraction and wavelength calibration, is ongoing. We present a project update and results of the first atlas to be produced, that of K1 III giant 10 Leo.