

Atmospheric retrievals across the LT transition using 1 - 15um spectroscopy

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I will present a brief summary of progress in using Brewster to estimate atmospheric properties of brown dwarfs across the L5 - T4.5 spectral range using spectra spanning 1 - 15 microns. I will highlight key results revealing cloud properties, thermal profiles and chemical abundances in the context of predictions from self-consistent radiative-convective equilibrium models.

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