Proposal: T. Beatty Cycle 28 HST GO

We wish to use 5 orbits of HST/WFC3 time to observe an eclipse spectrum of the only known transiting brown dwarf that has all of its physical properties independently measured at high precision, and that receives a negligible amount of external irradiation.

1. What might be the problem(s) to address?
2. What is the “key component”?
3. What is the “Target”?
4. What might be the facts to set the stage?
5. What might be the title?