

Différentielle de température (DTEMP) comme indicateur d'activité stellaire dans les données de NIRPS

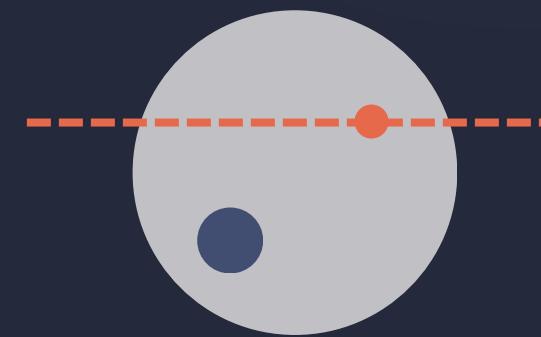
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NIRPS
LOOKING FOR BLUE PLANETS AROUND RED STARS

Laurie Dauplaise

Motivation



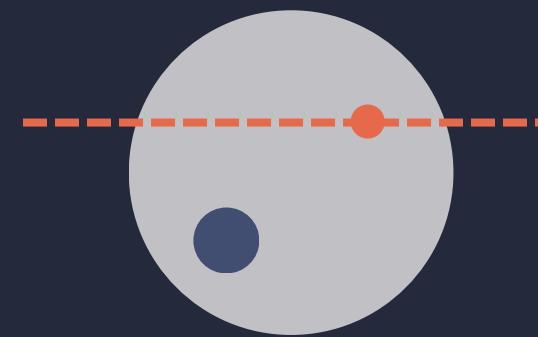
Transit light source effect

Mimics planetary signals in transmission spectroscopy

Misleading constraints for planetary atmospheric compositions

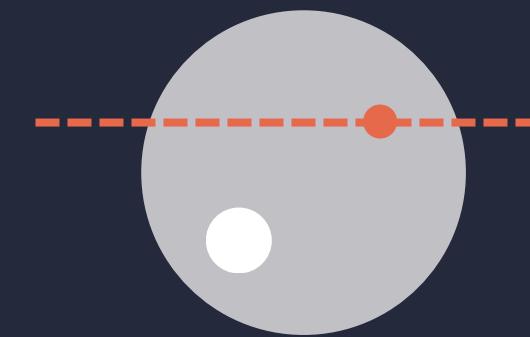
The tool : DET

within the line-by-line framework by E. Artigau, et al.



Unocculted spot

Proportion taken up by the spot compared to baseline

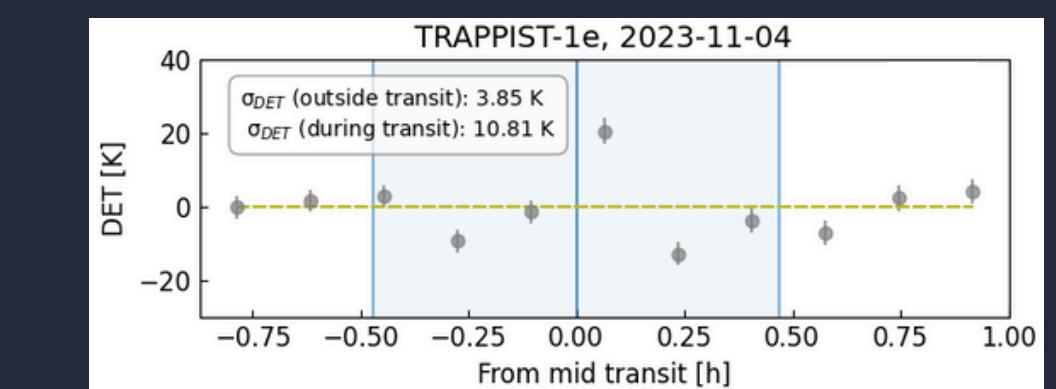
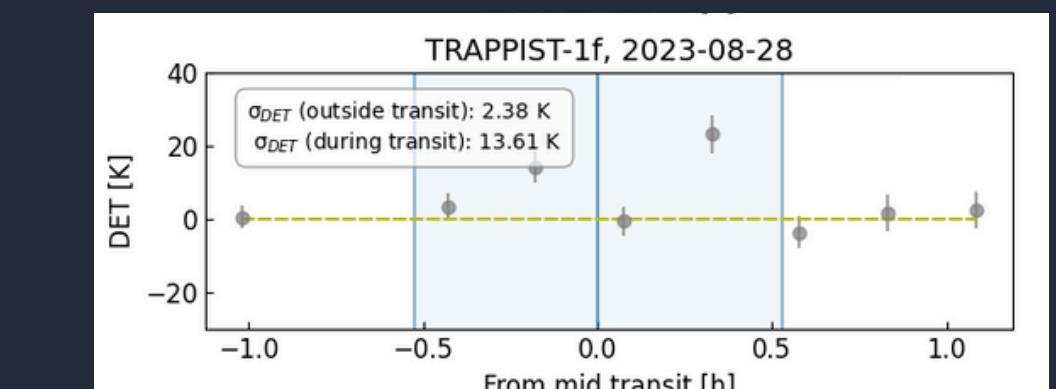
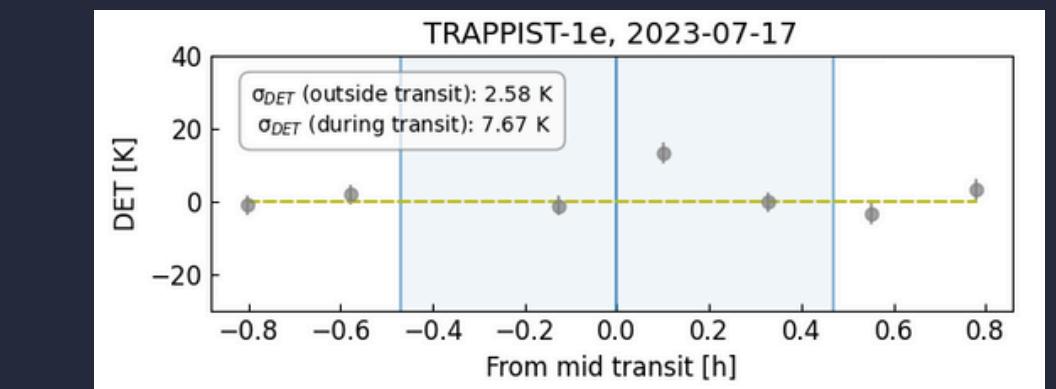


Unocculted facula

Proportion taken up by the facula compared to baseline



DET



Results