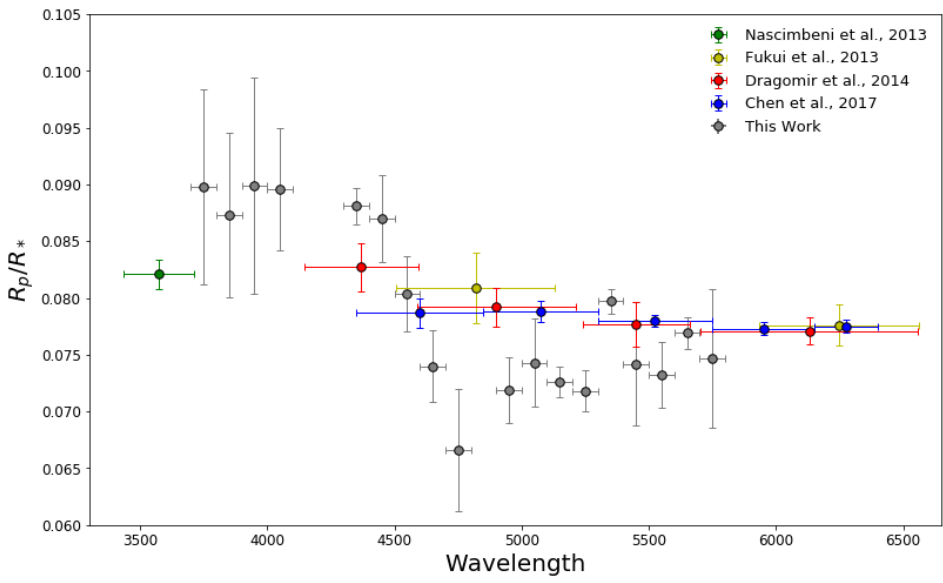
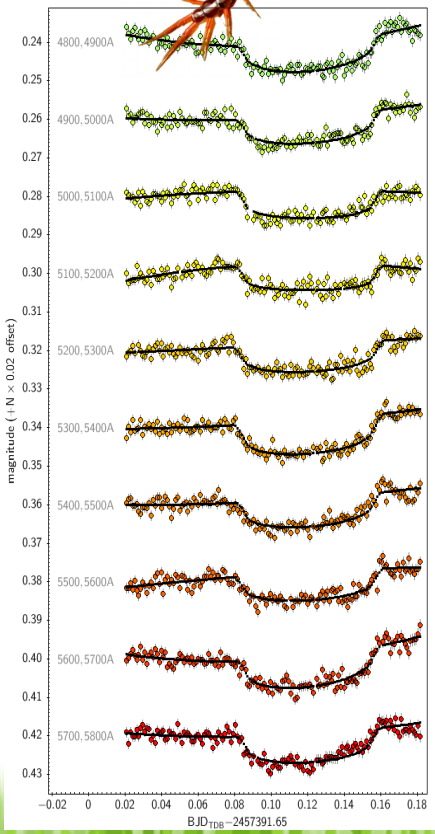


Exploiting the potential of low-resolution spectrophotometry to characterize exoplanetary atmospheres:

THE COLOPENDRA PIPELINE



- A software pipeline (coded in Fortran 90+) specifically created to perform **high-accuracy differential spectrophotometry** of transiting exoplanets.
- It performs the full (pre-)reduction process: from the raw frames to the chromatic light curves.
- It's **instrument-independent**: it has been developed in order to adapt to data coming from whatever long-slit or MOS spectrograph.



Daria Desiderà – Università di Padova, Italy – daria.desidera@phd.unipd.it
Valerio Nascimbeni – INAF - Osservatorio Astronomico di Padova