



TESS Transit Follow-up Observations with the 43cm Wendelstein Telescope

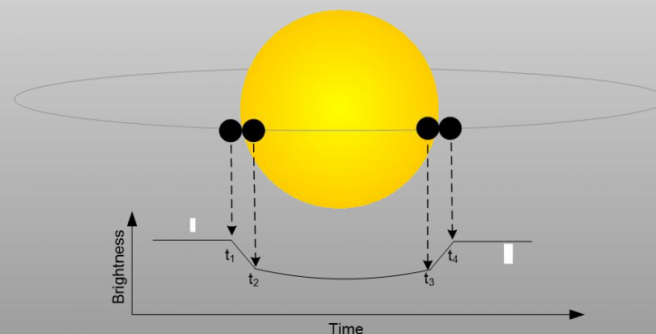
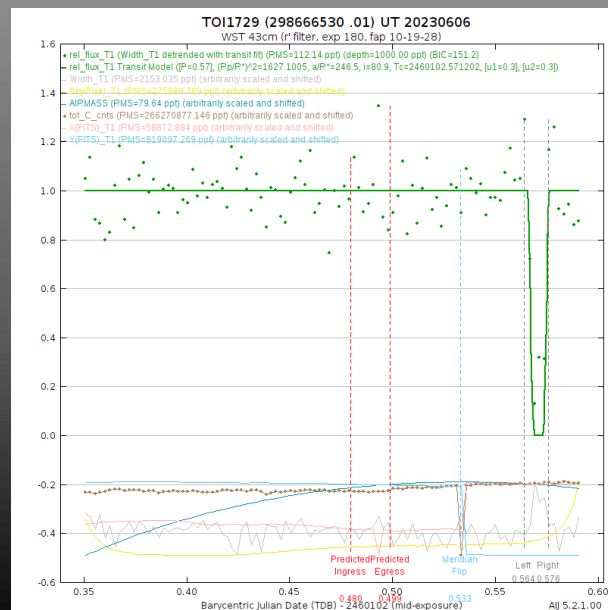


Nicholas Dowling

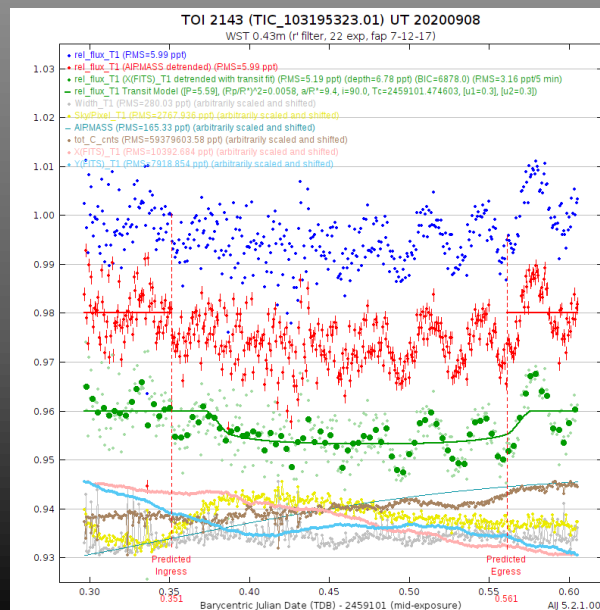
Current Status:

- 258 observations since Jan 2020
- 97 candidate detections
- Minimum transit depth: ~ 2 ppt
- V-magnitude: 7.9 – 13.5 mag
- Minimum separation: $6''$

Planet candidate orbiting
a white dwarf



Planet candidate around
star with high variability



Future projects:

- Further TESS follow-up
- Expand for ARIEL/PLATO
- Transit timing variations

Contribution to discovery of
Super-Puff TOI-1420b

