

## Exoplanet Outline

- I. Introduction
  - a. Recent endeavors (GAIA, Kepler, TESS)
- II. Formation of Exoplanets
  - a. Protoplanetary Disc
  - b. Accretion of material
- III. Detection Techniques
  - a. Gravitational wobble (Hot Jupiters)
  - b. Transit events
- IV. Star type vs. Life
  - a. Giants/ Super giants die fast
  - b. White dwarfs too old
  - c. Mostly main sequence stars
  - d. Atmospheric composition
- V. M-Stars and Earth-like planets
  - a. Problems with this type
  - b. Atmospheric composition
- VI. Conclusions
  - a. My take
  - b. Current understanding
  - c. Future endeavors