Influence of exozodiacal disks in mid-IR Earth-like planet detection

- Exozodi flux $\sim 300 \times$ Earth flux at 10 $\mu$m
- Photon noise $\rightarrow \sim 100$ zodi tolerable

![Graph showing the influence of exozodiacal disks in mid-IR Earth-like planet detection](chart.png)
Influence of exozodi asymmetries

- Symmetric parts removed (chopping)
- Asymmetries seen in chopped response
- ~5 to 40 zodi tolerable depending on inclination