

- We have performed a broad-brush study of multiple TPF architectures
- We find that Direct Imagers have advantages over Synthetic Imagers due to greater science utility, lower cost and lower technical risk
 - However, this conclusion may be biased by lack of maturity of DI designs compared to SI designs
- Have not optimized the designs or fully explored the trade space
 - Sizes, configurations are not well defined
 - Numerous implementation options remain to be explored
- Have not looked at hybrid concepts (e.g., coronagraph + occulter)
- On-orbit assembly may be attractive and a potential use for the space station
 - Additional understanding of limitations on on-orbit construction needed