

TECHNOLOGY

MISSIONS

SCIENCE

- Angular Resolution: Interferometry
- Angular Resolution and Collecting Area: Large Space Telescopes
- Contrast Stability: Ultrastable Structures
- Detection Sensitivity: Advanced Detectors
- Starlight Suppression: Starshades
- Starlight Suppression: Coronagraphs



Hubble



Spitzer



Kepler



TESS



JWST



Roman



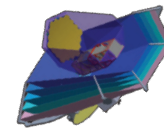
Starshade Rendezvous



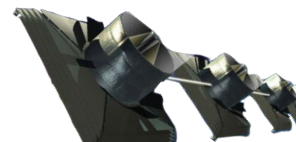
LUVOIR



HabEx



Origins



Exo-Earth Interferometer

2020s TODAY

2025s

2030s

2035 and beyond

Exoplanetary Atmospheres
Hot Jupiters

Exoplanet Abundance

Nearest Transiting Planets

Atmospheric Chemistry

Direct Imaging
Exozodiacal Dust
Exoplanet Diversity

Habitable Exo-Earth Discovery

M-Dwarf Rocky Planet Biosignatures
Cool Gas Giants

Exo-Earth Biosignatures

Habitable Exo-Earth Abundance

Life Verification

Possible Pending Decadal Survey