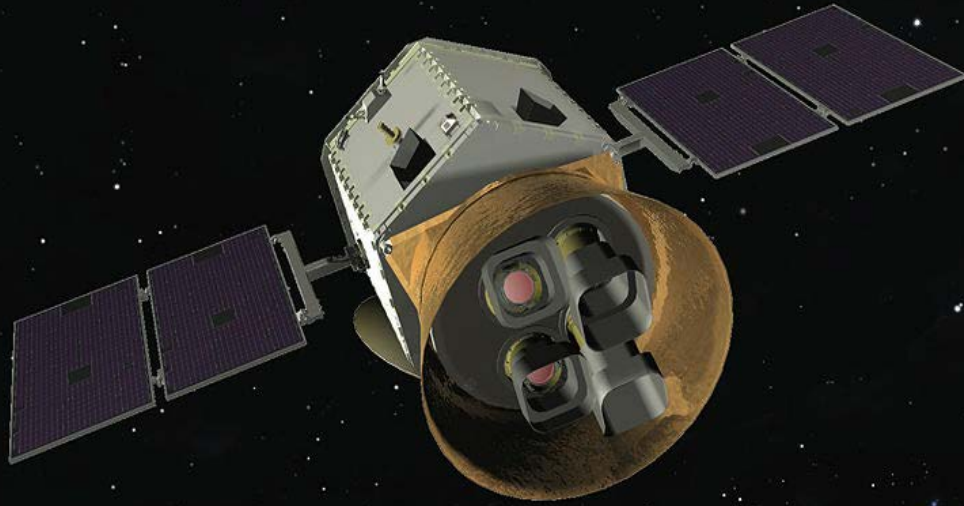


Transiting Exoplanet Survey Telescope (TESS)

Sara Seager, MIT



TESS is an MIT-led NASA mission to launch in 2017 (PI G. Ricker). TESS is an all-sky survey of > 500,000 stars to find planets transiting bright nearby stars.

TESS builds upon heritage of space-based precision stellar photometry (telescopes MOST, CoRoT, and especially Kepler).

TESS has four cameras of 100 mm diameter each with $24^\circ \times 24^\circ$ field of view with 16.8 Megapixel CCD detectors.

Will survey the closest
1,000 M stars
and source list for
JWST