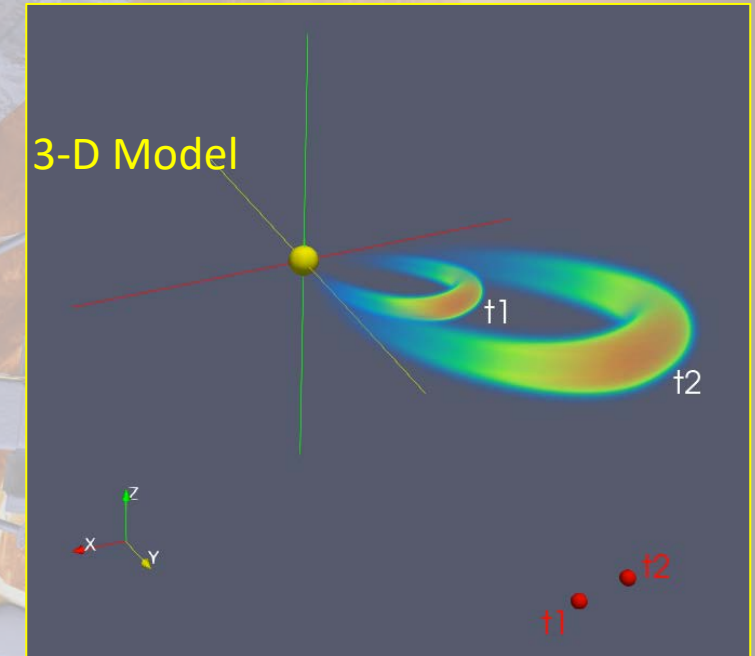
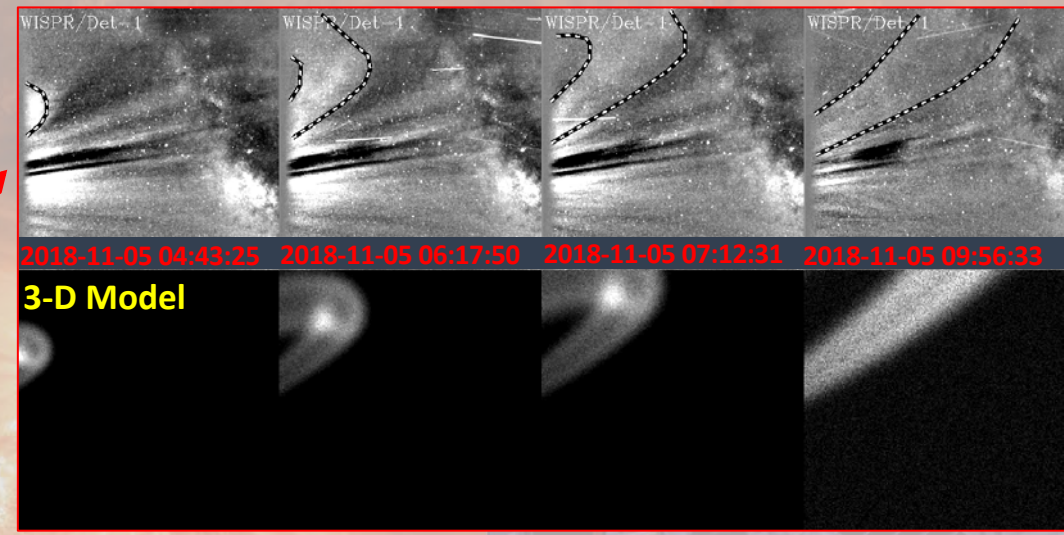
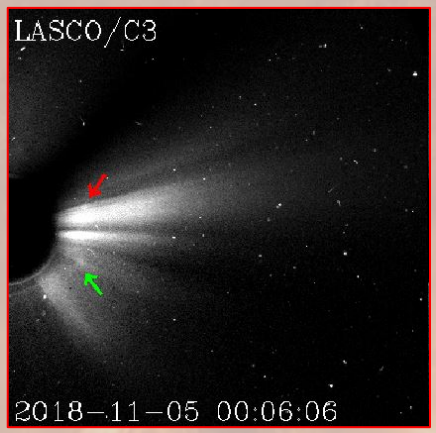


# Parker Solar Probe Observes a Streamer Blob Up Close

Results published in Wood et al. 2020, ApJS, 246, 28



- On 2018 November 5, only a day before its first close perihelion passage, the WISPR imager on Parker Solar Probe (PSP) obtained the first close-up images of a class of small solar transients called “streamer blobs.”
- From near Earth, the event was observed as a tiny jet-like ejection from the Sun by the SOHO spacecraft’s LASCO/C3 coronagraph (red arrow above left), and it was also observed by the STEREO-A spacecraft . It naturally appears much larger in WISPR images from PSP’s vantage point, where it passes in front of the Milky Way in the WISPR field of view (above middle).
- Combining the PSP, SOHO, and STEREO-A imaging, a 3-D flux rope model of the event’s shape is constructed. The model is shown to the right at two times, relative to PSP’s location (red circles), with synthetic WISPR images computed from this model shown below the real ones above.