

Upcoming orbital alignments of inner heliospheric spacecraft with the PUNCH Field of View

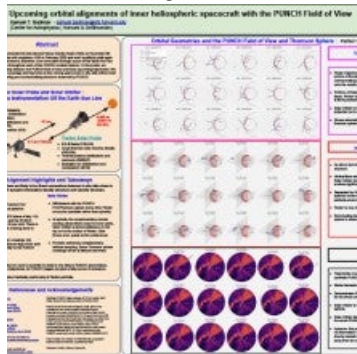
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Poster

Parker Solar Probe completed its last planned Venus Gravity Assist (VGA) on November 6th 2024, and Solar Orbiter will complete a VGA in February 2025 and won't modify its orbit again until late 2026. Both missions, therefore, now have paths through space off the Earth-Sun line which are predictable throughout much of the PUNCH nominal mission. In this presentation, we illustrate the relationship between the PUNCH field of view and these upcoming trajectories. We highlight the evolving coverage and key times in the coming years when in situ data will be most directly relevant to testing and contextualizing structure observed by PUNCH.



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