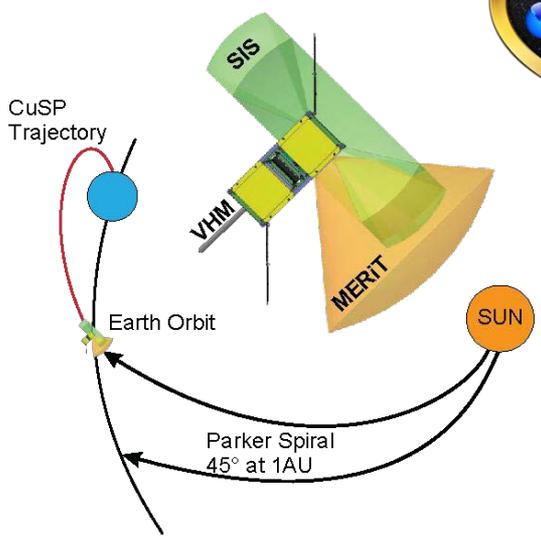
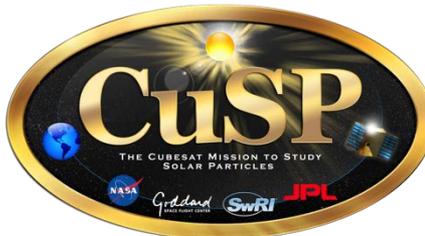


A Cubesat mission to study Solar Particles (CuSP)



3 Instruments
 SIS – SWRI
 MERIT – GSFC
 VHM - JPL

Science Goals

1. Study the sources and acceleration mechanisms of solar and interplanetary particles
2. Support space weather research by determining proton radiation levels during Solar Energetic Particle events and identifying suprathermal properties that could help predict geomagnetic storms

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 Eric R. Christian, Shri Kanekal (NASA/GSFC)
 Neil Murphy (NASA/JPL)

SLS EM-1 Launch in 2018



Accommodation for 11 Cubesats in Earth escape orbits

SLS-10002 DAC1 Reference Configuration