



## The source regions of SEPs observed by SDO in Aug 2010

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The source regions of Solar Energetic Particle events observed in Aug 2010 are investigated using EUV images obtained by the Solar Dynamics Observatory and the two STEREO telescopes. The high cadence SDO observations allow a detailed analysis of flows around the sites of energy release and the STEREO spacecraft give complementary, almost 90 degree, views of the eruption sites. For each event, we show the sites of flaring and filament eruptions in relation to the large-scale magnetic field obtained from potential field extrapolations of the photospheric fields and the evolving smaller scale magnetic fields. We determine the speeds of eruptions and waves close to the Sun and identify them with coronagraph CME observations. The fluxes, energy dispersions, and abundances of energetic particles are measured by ACE, STEREO-A and STEREO-B.