

Invited lecture

A SOLAR PROMINENCE ERUPTION FROM THREE SPACECRAFT POINTS OF VIEW

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We investigated a prominence eruption, occurred between 15:30 and 21:30 UT on May 4, 2014. The eruption was observed by the Solar Dynamic Observatory (SDO) and twin Solar Terrestrial Relations Observatories (STEREO) A and B. The angle between STEREO A and B during the observation provides a unique opportunity to examine the kinematics, structural evolution, and helical twist changes during the eruption. Using the data from the C2 and C3 coronagraphs of Large Angle and Spectrometric Coronagraph (LASCO), an association between the prominence eruption and the spectacular coronal mass ejection was established.