

A CME ASSOCIATED WITH AN IMPULSIVE SEP EVENT

S. W. Kahler (1), D. V. Reames (2), and N. R. Sheeley, Jr. (3)
(1) Air Force Research Laboratory, Space Vehicles Directorate,

An impulsive solar energetic particle (SEP) event observed on the Wind spacecraft on 2000 May 1 was associated with an impulsive solar active region M1 X-ray flare. The timing and position of a fast ($v = 960$ km/s), narrow CME observed in the Lasco coronagraph on SOHO make clear the connection between the CME and the flare and SEP event. Impulsive SEP events have long been associated with impulsive flares, but only gradual SEP events have thus far been found to be associated with CMEs. This is the first clear case of an impulsive SEP event with an associated CME.