

LARGE-SCALE CORONAL WAVES ASSOCIATED WITH FLARES AND CMES

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In this talk, we review large-scale waves and shocks in the solar corona that are launched in association with solar flares and coronal mass ejections (CMEs), also known as “EIT waves” and “coronal Moreton waves”. We concentrate on much debated issues: their physical nature (blast wave, driven-wave, no waves at all) and the initiating agent (CME vs. flare). Recent results on the wave kinematics and dynamics derived from high-cadence observations by the EUVI instruments onboard the twin STEREO spacecraft will be particularly emphasized.

sun, flares, coronal mass ejections

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