



Coronal mass ejections in the solar wind: Review of STEREO observations

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After three years in orbit Solar Terrestrial Relation Observatory (STEREO) has gathered a good set of coronal mass ejection (CME) observations both near the Sun and in the interplanetary space. Despite long and deep solar minimum interplanetary CMEs (ICMEs) have frequently been identified in the solar wind, although they have been in general considerably smaller and weaker than ICMEs during high solar activity. In this talk I will present summary of STEREO ICMEs and associated solar activity. In particular, I will concentrate on the properties of ICMEs that were encountered by multiple spacecraft, including STEREO and L1 spacecraft. In addition, I will discuss the vast range of scale-sizes and magnetic field magnitudes of the observed ICMEs and their connection to coronal dynamics.