

# **Deflected propagation of CMEs in the interplanetary medium**

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The probability of CMEs' encounter with the Earth is controlled by many factors. The deflection of CME's trajectory in the interplanetary space is one of the factors. Under the effect of the background solar wind, fast CMEs will be deflected to the east, while slow CMEs will be deflected to the west. A brief review is given on how such deflected propagation was proposed and testified. Further, with the aid of an established kinetic model, the issue how large significance the CME's deflection effect has is addressed. To further testify this deflection effect, a more comprehensive numerical simulation is welcome.