

# Solar wind velocities before and after solar flares measured with interplanetary scintillation

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It is well-known that a coronal mass ejection disturbs background solar wind structure, on the other hand, it is not clear how a flare without accompanying CME affects solar wind structure. In this study we analyzed variation of solar wind velocity before and after solar flares by using interplanetary scintillation (IPS) data at Solar-Terrestrial Environment Laboratory. The IPS data are categorized into two groups; 1) P-point is angularly close to flare site and 2) others. Then the variation of solar wind velocity in each group is analyzed. We will report a preliminary result in this meeting.