



## **Analysis of CMEs and eruptive events in November 2004**

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October 2004 was a quiet period in terms of solar activity, according to the near-minimum phase of the present solar cycle. However, some active regions suddenly increased activity by producing a series of small and large flares and several CMEs in a short period of time. In this work we present the analysis of the CME events on November 1-9 using the CME expansion speed concept to determine the travel time towards Earth. We found a correlation with an ICME at 1 AU for the half of the events. For these cases the mean uncertainty was around 12 hrs.