



Contribution ID : 523

Type : **Poster**

## **Activity of coronal mass ejections during solar cycle 23**

### **Abstract content**

A vast mass is expelled from the sun's low corona and travels at high speed into interplanetary space. These sporadic transient eruptions known as coronal mass ejection are dynamic large -scale events in the solar corona that expel plasma and magnetic field through the solar wind to interplanetary medium. We have studied the solar cycle variation of various properties of coronal mass ejections (CMEs) such as daily CME rate, speed and width of CMEs along with fast and wind CMEs for the solar cycle 23(1996-2006). The apparent width of most of the CMEs have been observed between  $10^{\circ}$ - $80^{\circ}$  and their speed lies between 200-400 km/s for the period 1996-2006.

**If this papers is presented for a collaboration, please specify the collaboration**

### **Summary**

### **Reference**

**Primary author(s) :** Mrs. NEMA, Kavita (A.P.S.University,Rewa(M.P.)INDIA)

**Co-author(s) :** Dr. MISHRA, A.P. (A.P.S.University,Rewa(M.P.)INDIA)

**Presenter(s) :** Mrs. NEMA, Kavita (A.P.S.University,Rewa(M.P.)INDIA)

**Session Classification :** Posters 1 + Coffee

**Track Classification :** SH.1.7