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## **SMESE: SMAll Explorer for Solar Eruptions**

### **Abstract content**

SMESE is a Franco-Chinese microsatellite mission. Its scientific objectives are the study of both coronal mass ejections and flares simultaneously at the next solar maximum. The payloads include three packages: LYOT, DESIR, and HEBS. LYOT is composed of a Lyman-alpha coronagraph plus a Lyman-alpha disk imager. DESIR is a far infrared telescope working at two frequencies. HEBS is a high energy spectrometer working in X-rays and gamma-rays covering from 10 keV to 600 MeV. SMESE will be launched around 2011, providing a unique opportunity of detecting and understanding eruptions in a wide range of energies. The instrumentation and progress is described in this paper.

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

### **Summary**

### **Reference**

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