



Contribution ID : 195

Type : **Poster**

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

Primary author(s) : Dr. GAN, Weiqun (Purple Mountain Observatory)

Co-author(s) : Dr. VIAL, J. -C (Institut d'Astrophysique Spatiale, Bât. 121, CNRS-Université Paris-Sud, F-91405 Orsay, France); Dr. TROTTEY, G. (LESIA, Observatoire de Paris, 5 place Jules Janssen, 92195 Meudon Cedex, France); Dr. FANG, C. (Department of Astronomy, Nanjing University, Nanjing 210093, China)

Presenter(s) : Dr. GAN, Weiqun (Purple Mountain Observatory)

Session Classification : Posters 1 + Coffee

Track Classification : SH.1.2