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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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