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The SVOM mission for the study of the transient high-energy sources

Tuesday, 9 July 2024 15:00 (20 minutes)

On behalf of the SVOM collaboration, I will present the science objectives, characteristics and status of the Chinese-French Space-based multi-band astronomical Variable Objects Monitor mission, expected to put in orbit, at the end of June 2024, a spacecraft carrying four instruments, working in a range from visible to gamma-ray frequencies, in order to observe transient and variable high-energy sources.

With the capability to autonomously point the narrow field telescopes on the the transient events detected by the large field instruments, and supported by a near-real time alert system and a battery of ground telescopes, SVOM is dedicated to the time domain astronomy and particularly to the study of Gamma-Ray Bursts.

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