

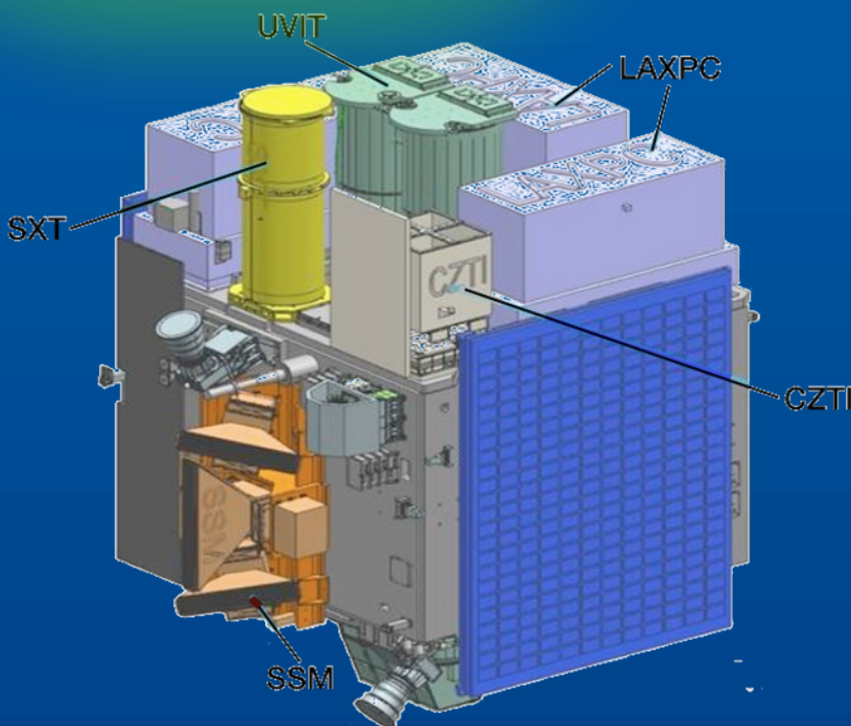
ASTROSAT, India's first multi-wavelength observatory

Dr. V. Girish (ISRO Headquarters)

Sept 27 2024
4 p.m.

(Hybrid) Lecture Theatre AG 66

YouTube Live: <https://tinyurl.com/ASETon27Sept>



AstroSat is ISRO's first multi-wavelength observatory dedicated to astronomy and capable of simultaneous observations from UV to high energy X-rays. AstroSat will be completing nine years of operation at the end of September 2024. With its highest collecting area in X-rays and best spatial resolution in UV, AstroSat data has resulted in many discoveries and interesting results. AstroSat is a real collaborative effort. AstroSat is one of major success story for ISRO, in propagating wider participation in space based science research in India. This talk tries to give an overview of the AstroSat observatory with focus on its multi-wavelength capability and will discuss some interesting results from AstroSat.



Dr V Girish obtained PhD in physics from Indian Inst of Science in 2005. He joined Tata Inst of Fundamental Research (TIFR), Mumbai as a post-doctoral fellow. He joined ISRO in 2006 & initially worked on Roentgen-II satellite, an India-Russia collaboration to study Sun at TIFR, Mumbai, moved back to ISRO.

Dr. Girish is currently Deputy Director at Science Program Office. He is responsible for astronomy programs of ISRO and managing the day to day activities of AstroSat. His research interests include the study of cataclysmic variables.