

# The Legacy Survey of Space and Time (LSST) - an overview

*Thursday, May 9, 2024 11:00 AM (30 minutes)*

The Legacy Survey of Space and Time (LSST) is a planned 10-year survey of the southern sky to be conducted at the Vera C. Rubin Observatory. The Rubin Observatory is expected to produce approximately 15 terabytes of LSST data per night, covering the entire sky every three nights. The LSST project involves eight separate science collaborations, including the Dark Energy Science Collaboration (DESC) and the LSST Transients and Variable Stars Science Collaboration (TVSSC). This presentation will provide a brief overview of the LSST project and highlight the involvement of the Brazilian Participation Group - LSST (BPG-LSST).

**Presenter:** Dr PENNA-LIMA, Mariana (University of Brasilia)

**Session Classification:** Keynote speakers