

COLUMBIA ASTRONOMY OUTREACH PRESENTS:



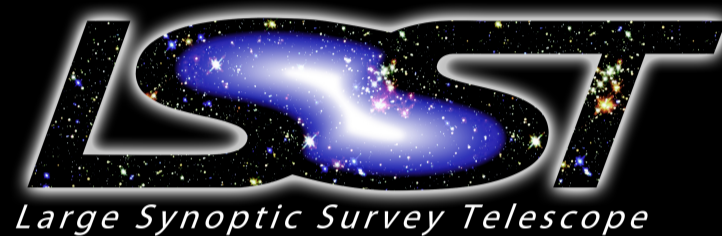
STARGAZING & LECTURE SERIES

The LSST Revolution: These data belong to you and me!

Federica Bianco

Friday, Feb 23rd, 7:00PM

Pupin Hall, Columbia University



The Large Synoptic Survey Telescope is the largest astronomical ground-based survey ever planned. Starting in 2022 it will image the entire southern hemisphere sky every three days for 10 years. It will yield tens of Terabytes of images each night, and all this data will be publicly accessible to the USA community! How are we preparing to study the 6 million solar system objects, 20 billion galaxies, 17 billion resolved stars that LSST will see, and the 1-10 transient events, from exploding and erupting stars to planets transiting in front of their sun, that LSST will detect each night?

These are free lectures at a public level followed by guided stargazing with telescopes (weather permitting). All events are held at Pupin Hall at Columbia University. No reservations are needed. Lectures are 30 minutes, stargazing lasts 90 minutes. Stay only as long as you want.

For directions, weather updates and more information, please visit:

<http://outreach.astro.columbia.edu>