

### Large Synoptic Survey Telescope (LSST)

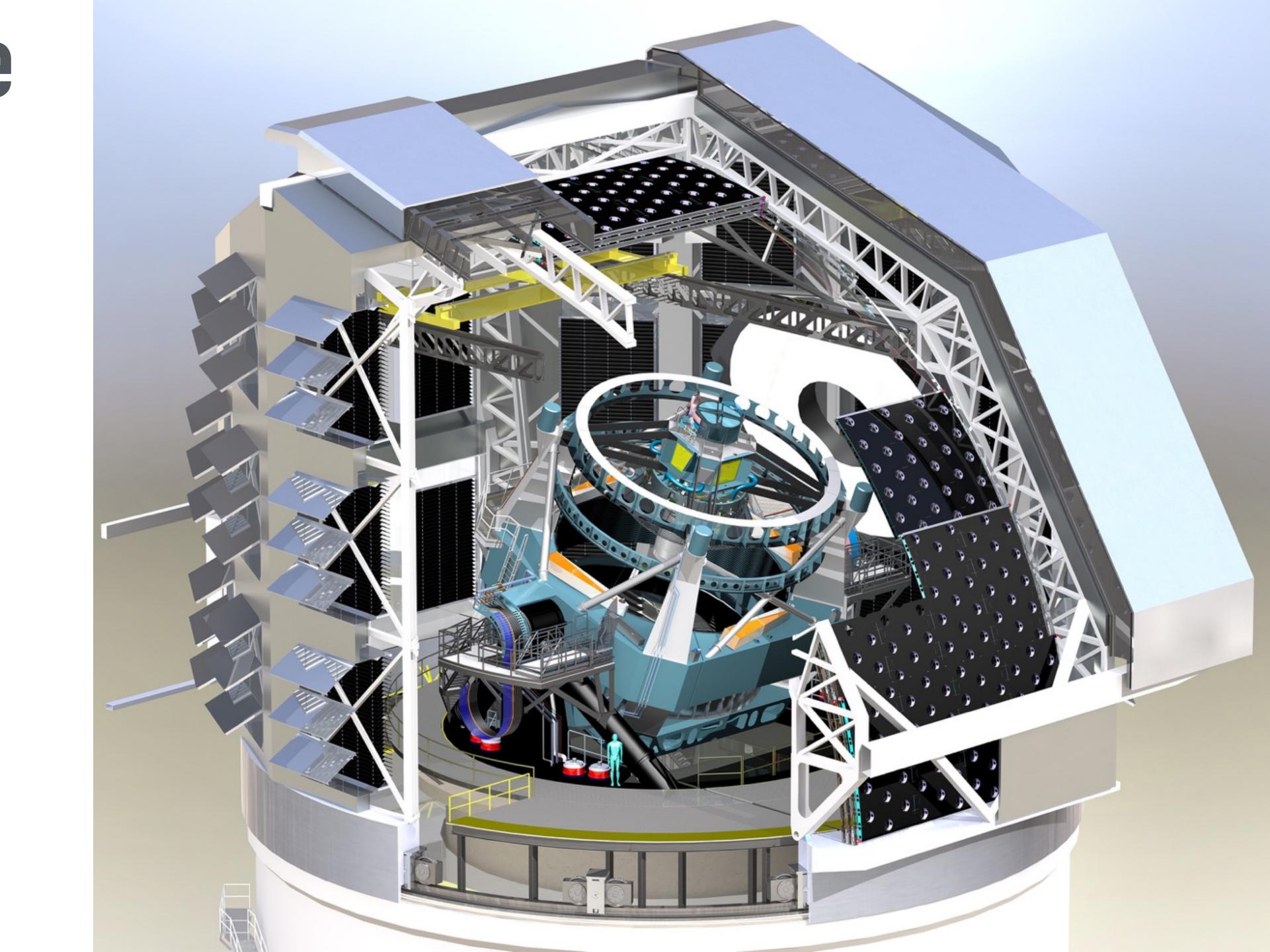
Dr Amanda Bauer, Head of LSST EPO abauer@lsst.org @astropixie



#### LSST Survey



# Telescope



# Telescope asturfe ita May 2018. Credit: LSST Project

## The Mirror

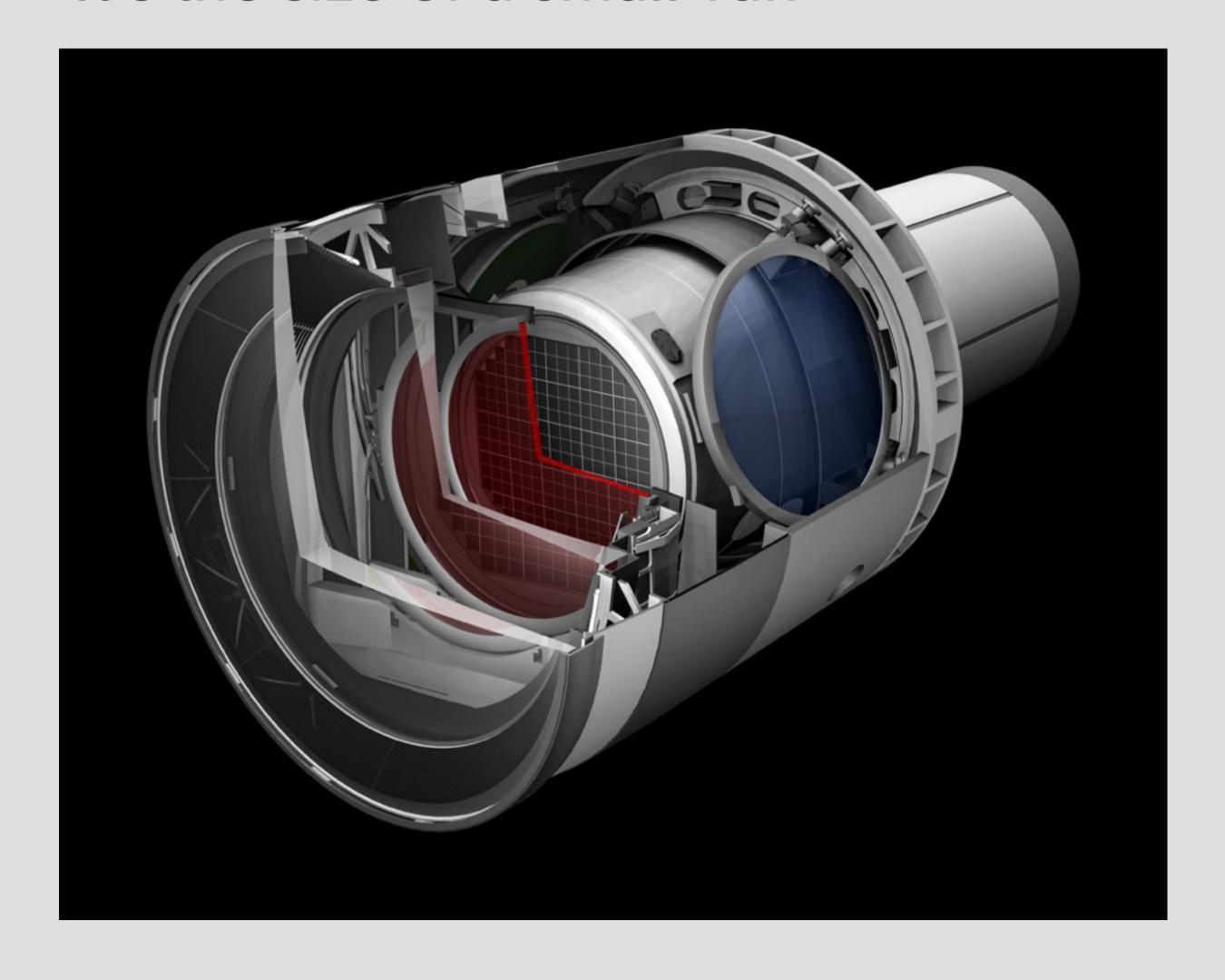
2015

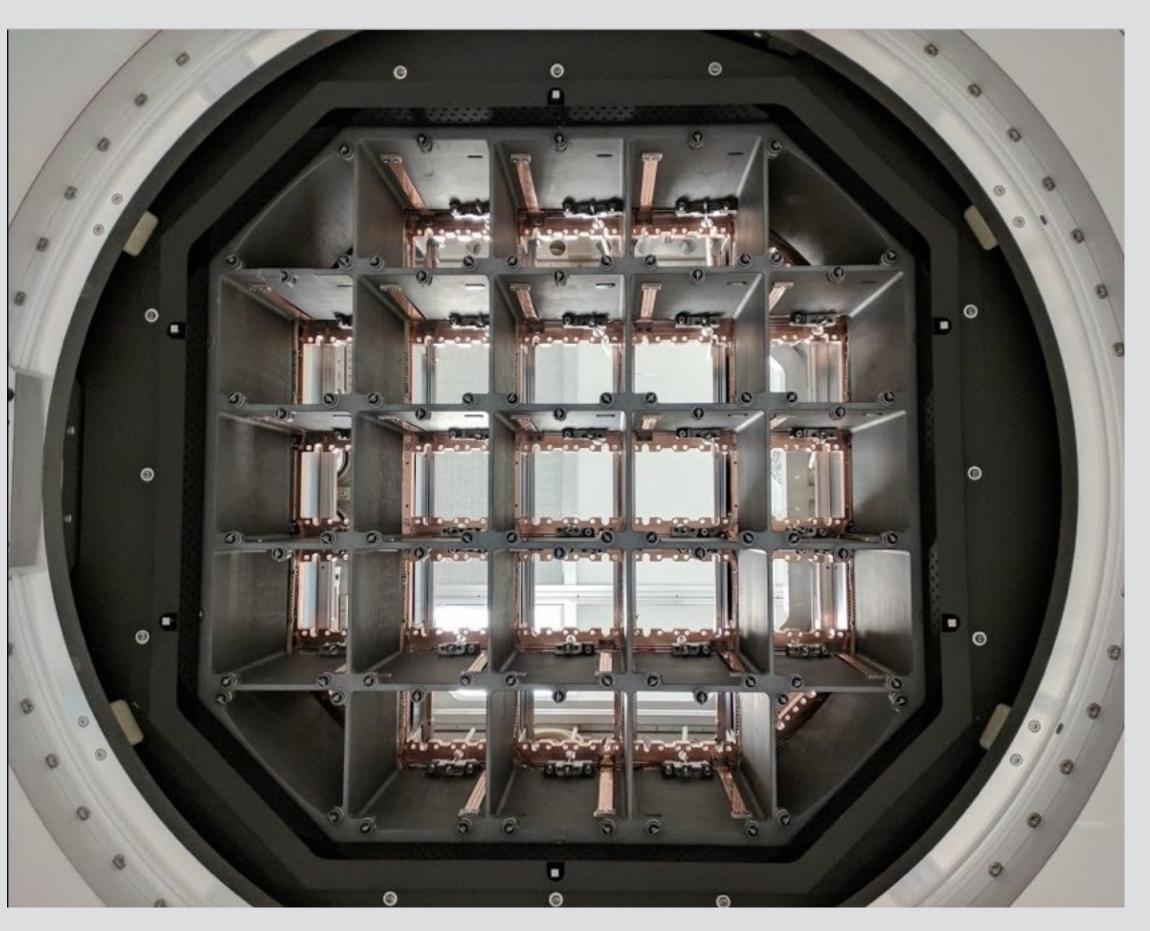




## The biggest digital camera ever built!

It's the size of a small van





Cryostat that will hold the CCDs, June 2018.

Credit: John Ku/LSST Project

The unique telescope design and the 3.2 Gpix camera combine to create HUGE images





#### LSST will see more than 37 billion stars and galaxies

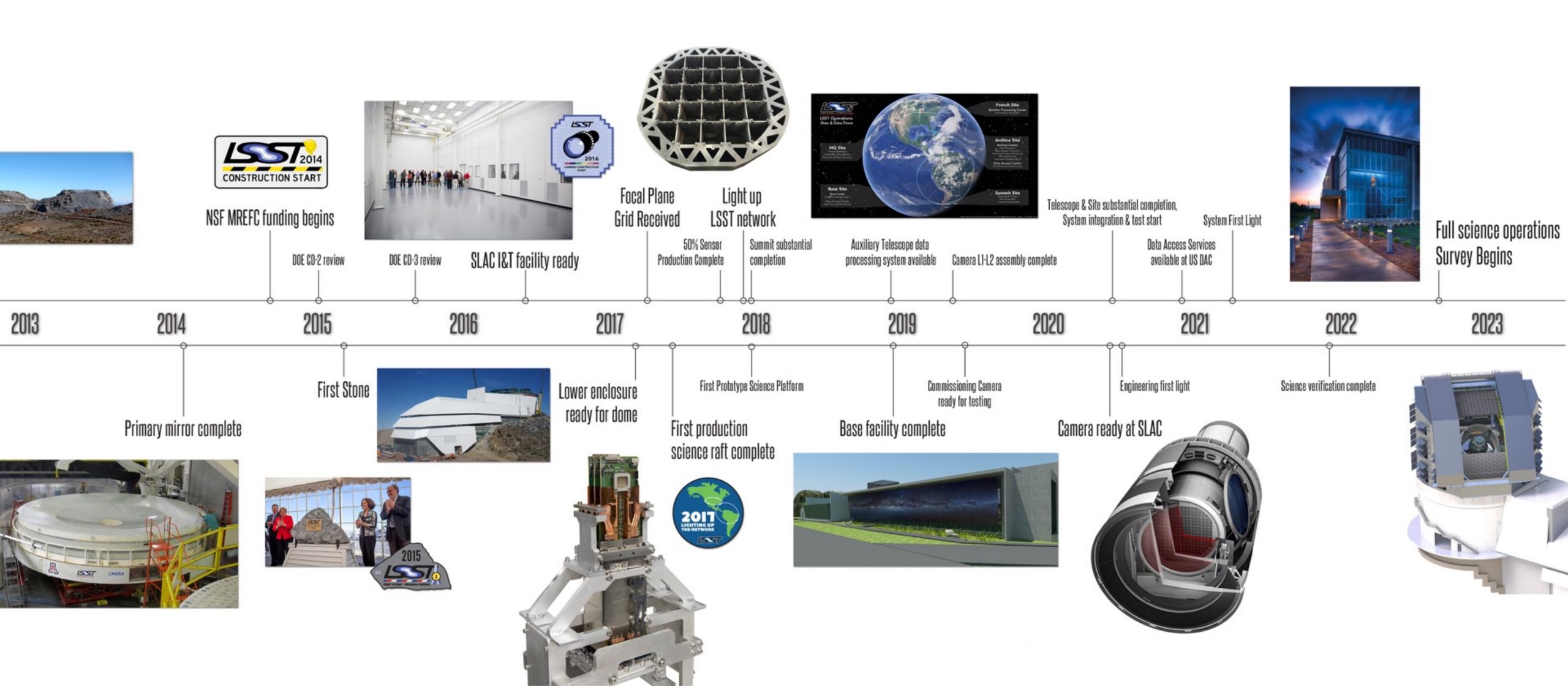
## Four main LSST science themes

Find moving objects in the solar system

Map the the Milky Way galaxy

Explore the changing optical sky

Understand dark matter and dark energy



The **mission** of LSST EPO is to offer accessible and engaging online experiences that provide non-specialists access to, and context for, LSST data so anyone can explore the Universe and be part of the discovery process



## Thank You For Being Here!



All The Best For The Week