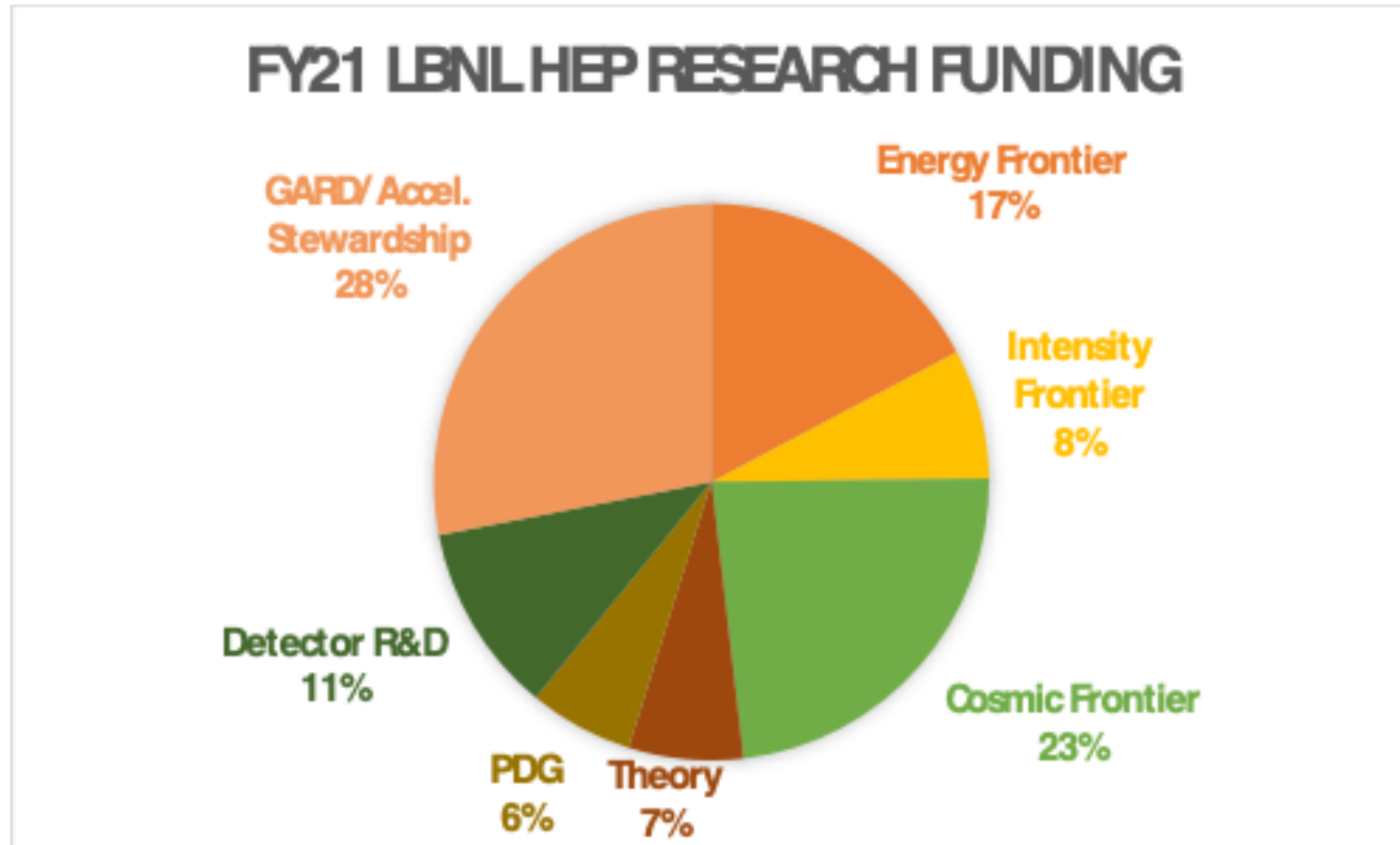


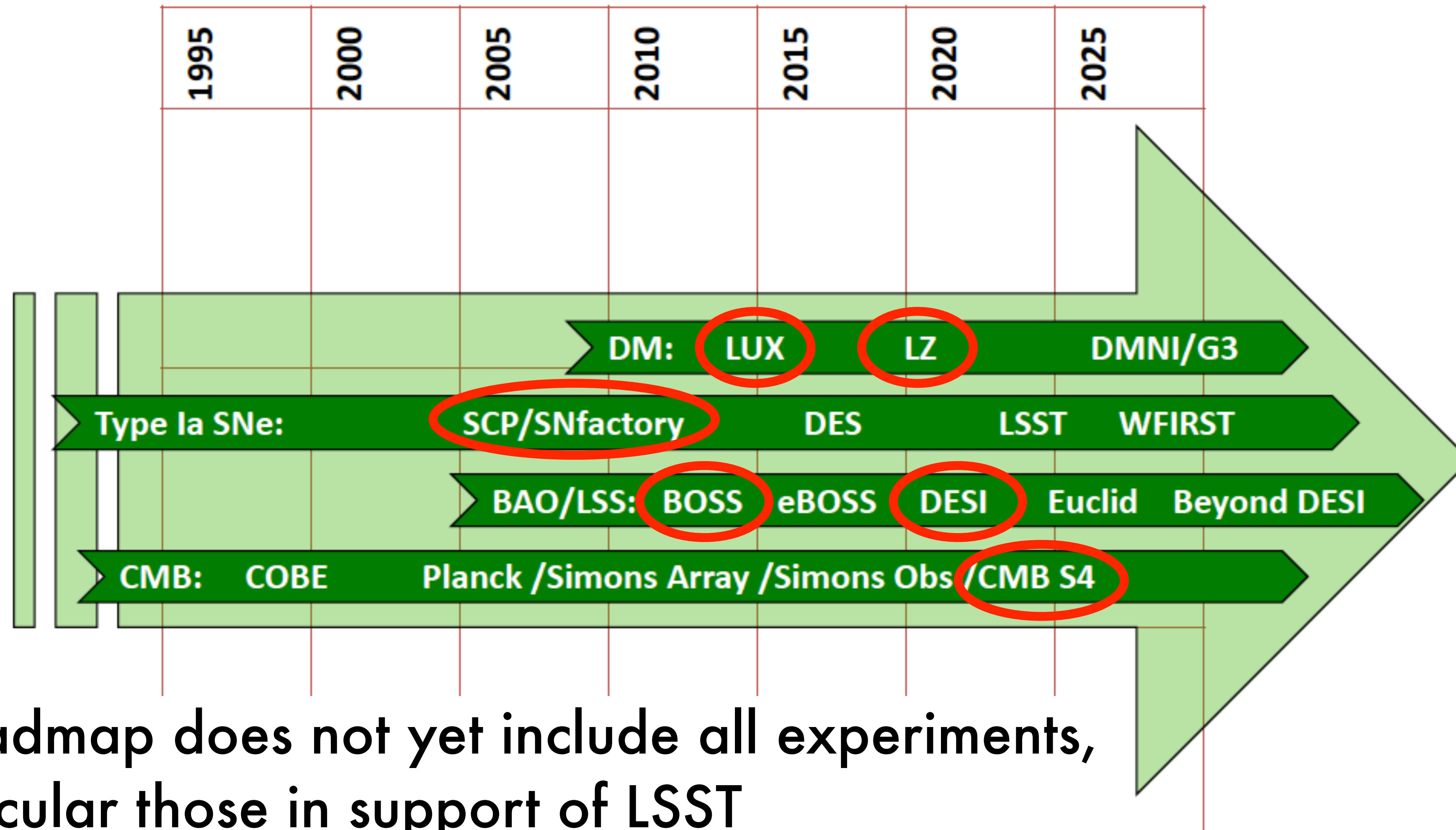
Snowmass at LBNL – Cosmic Frontier!

Cosmic frontier is large fraction of our HEP effort



Snowmass at LBNL – Cosmic Frontier!

LBNL has been & is lead lab for many experiments on the roadmap



This roadmap does not yet include all experiments, in particular those in support of LSST

Snowmass at LBNL – Cosmic Frontier!

Today's discussion

Question 1: What will we learn about Dark Energy in the 2020s?

Question 2: Will cosmic experiments measure neutrino masses?

Question 3: Will cosmic experiments measure inflation?

Question 4: What should the cosmo+CMB data repository look like?

There are other questions we don't have time for today

Are we sufficiently exploring Dark Energy, ie. early DE?

How important is the local Hubble constant + gravity field?

What will we learn about Dark Matter in the 2020s from cosmology?

How best to enable analyses across different experiments?