

- **"Stage IV"**
 - **DESI + 4MOST: broadband multi-tracer RSD power spectra**
 - **LSST: angular clustering, galaxy clusters, WL, SN, strong lensing**
- **Precision Cosmology**
 - **Statistical power needs to be matched by systematics control**
 - **Overlapping surveys are not independent**
- **Baseline Forecasts**
 - **account for cross-covariance between overlapping surveys**
 - **~ 60 nuisance parameter (LSST), ~ 10 /(spectroscopic survey)**
 - **open w_a CDM cosmology**
 - **Linearized modified gravity effects using (μ, Σ) parameterization (CosmoLike implementation by Miyatake & Eifler)**