

New Science from Advances in Precision

- Relative Photometry
 - Detect Planetary Occultations
 - Distinguish Stellar Populations
 - Reliably Select Outliers
- Absolute Photometry
 - Improved Dark Energy Tests
 - Local Distance Scale Measurements
 - Stellar Atmospheres
- Relative Astrometry
 - Local Stellar Populations (Parallax)
 - Cluster Membership (Proper-Motions)
 - Galactic Streams / Halo Populations (Proper-Motion)
- Absolute Astrometry
 - High-Quality Orbits with fewer observations