

ACT DR6 maps are significantly deeper (i.e., more sensitive) than Planck on nearly 40% of the sky, with >5x higher angular resolution

Simons Observatory

Deployment started Mid 2024: first science observations





6 m large-aperture telescope (LAT) 30,000 detectors @100mK

3 0.5m small-aperture telescopes (SAT) With 30,000 detectors total @100mK + 3 more SATs from UK and Japan

Spokespeople: M. Devlin, A. Lee, S. Staggs. Program office director: B. Keating