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Dark Energy: An Observational Perspective

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Dark energy is one of the most tantalizing mysteries in current cosmological research. A host of observations confirm that about two-thirds of the energy content of the universe comprises this negative-pressure "dark energy" component that causes the expansion of the universe to accelerate. Though various theoretical models have
been suggested for dark energy, the final conclusion on the nature of dark energy may well come from the observations. In this talk I shall outline the recent developments in observations which are expected to constrain dark energy parameters. I will also outline the potential future directions in dark energy observations.

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