

Abstract Submitted
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Overview of the SuperNova/Acceleration Probe(SNAP) Science Program WILLIAM CARITHERS, LBNL, THE SNAP COLLABORATION COLLABORATION — The principal goal of the SNAP mission is a precise determination of the dark energy equation of state and its time derivative. To achieve this goal, SNAP will observe over 2000 well-measured Type Ia supernovae, and carry out a weak-lensing survey of approximately 1000 square degrees with particular attention to the control of systematic errors. In addition, the combination of unprecedented width and depth of the surveys in nine filters will enable a wide variety of other astrophysical science. This talk will present an overview of the SNAP science program.

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