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LSST Deep Drilling Program and Type Ia Supernovae

mercredi 24 novembre 2021 14:00 (25 minutes)

We focus in this presentation on the impact of the parameters of a Deep Drilling (DD) strategy (number of fields, cadence of observation, filter allocation, season length, budget) on the size and depth of the Sne Ia sample observed by the survey. We present a method to collect Sne Ia complete up to higher redshifts and propose a set of realistic DD scenarios.

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Classification de Session: Science