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Parameter Estimation Forecasts in Cosmology RAHUL BISWAS —

In the current era of precision cosmology, new extremely well planned observational missions are being designed to study cosmology to unprecedented detail. Such missions will not only allow us to constrain the free parameters in the standard model of cosmology, but also to test the possible departures in this model. In order to optimize the scientific impact of these surveys, it is therefore essential to forecast the constraints from these surveys, and also study different ways in which this data can be used to study cosmology. We discuss forecasts, in particular those pertaining to dark energy studies from the planned surveys.

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