



Contribution ID: 28

Type: **Plenary**

The next ten years of dark energy research

Thursday, 7 March 2013 13:50 (1 hour)

In the next few years new data from ground and space will push the limit of cosmological observations to new frontiers. Combining CMB, weak lensing, redshift clustering and supernovae data, we will be able to constrain the properties of dark energy and its interactions from the background to the non-linear level. In this talk I

discuss these methods and the future expected constraints on the most general model of dark energy and modified gravity.

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Session Classification: The Origins of Mass - Higgs Boson