## LUCA AMENDOLA Prof. in Theoretical Physics

University of Heidelberg, Germany



05/29-06/04/2011

Prof. Luca Amendola has given the following conference in the workshop The Nature of Dark Energy:

## Searching for modified gravity with the next generation surveys

"Next generation large scale experiments will help understanding the nature of dark energy through the combination of weak lensing, redshift surveys, standard candles and cosmic microwave background. In this talk I review what we can expect from these observations and I

discuss a number of loopholes in our description of the Universe that are still to be closed".