



UNIVERSITÀ
DEGLI STUDI
DI MILANO

Department of Physics seminar
DIPARTIMENTO DI FISICA, VIA CELORIA 16, MILANO
Aula Consiglio
September 28th, 2017 – 14:30

Weak lensing as an accurate probe of cosmology and much more!

H. Hoekstra

(Leiden Observatory, Netherlands)

Weak lensing by large-scale structure is one of the most promising techniques to learn more about the nature of dark energy by mapping the dark matter distribution in the Universe as a function of distance. Weak lensing has also developed into the main tool to determine cluster masses, critical for their use for cosmology, but can also be used to study the dark matter halos of galaxies. I will review the recent progress in this active area of research and discuss the prospects for future projects, such as Euclid.

Students are cordially invited

Contact: gianluca.colo@unimi.it

