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Sala Azzurra
Palazzo della Carovana
Scuola Normale Superiore
Piazza dei Cavalieri, - Pisa
h: 14.30

The dark side of the Universe

ABSTRACT

The discovery of the Higgs boson has closed the chapter of physics having to do with the visible matter of the Universe, human beings composition included.

Observations carried on since long have shown a big problem with the mass balance of the Universe. More recent observations have shaken the prejudice on the way the Universe expands.

Dark Matter and Dark Energy are the evocative names for the 95% of unknown composition of the Universe. I will try to review the evidence for these strange form of matter/energy and give an hint on the researches to try to discover their nature.



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