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"Breaking paradigms: The Cosmological Constant is Not Constant"

Content

Here we will present the recent cosmological results from our DESI experiment (desi.lbl.gov), which has mapped more than 47 millions of galaxies and quasars. This precise 3-dimensional out the "cosmological constant" at more than 95% confidence level implying that Dark Energy evolves in time. This result modifies the well established cosmological model "LambdaCDM" Cosmological constant + Dark Matter + Standard Model particles), allowing for a particle physics interpretation of Dark Energy. Here, we will present the latest DESI results and a plausible dynamical Dark Energy model, motivated by particle physics, which accounts for current cosmological observations.

Summary

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