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“Observar el Big Bang / Observing the Big Bang”

Our current best understanding of the Universe's history and contents is, at the same time, fascinating and disturbing. Some of the "known unknowns" include dark matter, dark energy and the quantum origin of the primordial density fluctuations from which galaxies have formed. I will discuss some of the evidence behind this well established "standard model of cosmology" and the challenges ahead, including the idea that observations of the Cosmic Microwave Background Radiation contain important clues about quantum effects around the time of the Big Bang. We can do particle physics with telescopes.

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