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The Hubble Tension

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The Hubble constant (H_0) is a key parameter in cosmology that sets the expansion rate and the age of the Universe. Independent determinations of H_0 are important to ascertain the possible need of new physics beyond the standard cosmological model, given the tension in current H_0 measurements from the cosmic microwave background observations of Planck and the local distance ladder from the SH0ES program. I will give an overview of recent H_0 measurements from different methods, with a focus on strong gravitational lensing as a competitive cosmological probe.

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