

JOINT TUFTS/MIT COSMOLOGY SEMINAR

The Hubble Hullabaloo

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As the cosmological dataset has become more precise, some cracks in the concordance model of cosmology have appeared. Using the standard Λ CDM model, measurements of the CMB can infer the current Hubble parameter to a high precision. This value differs significantly from that measured using a local distance ladder and supernovae. I will review aspects of this tension and present ideas proposed to solve the tension. Future observations of neutron star mergers are expected to provide independent and precise measurements of the Hubble parameter.

Tuesday, November 5, 2019, 2:30 pm
574 Boston Ave, Room 316
Tufts University

Refreshments at 2:00 outside room 304