



KCETA Colloquium

Nu's from cosmology

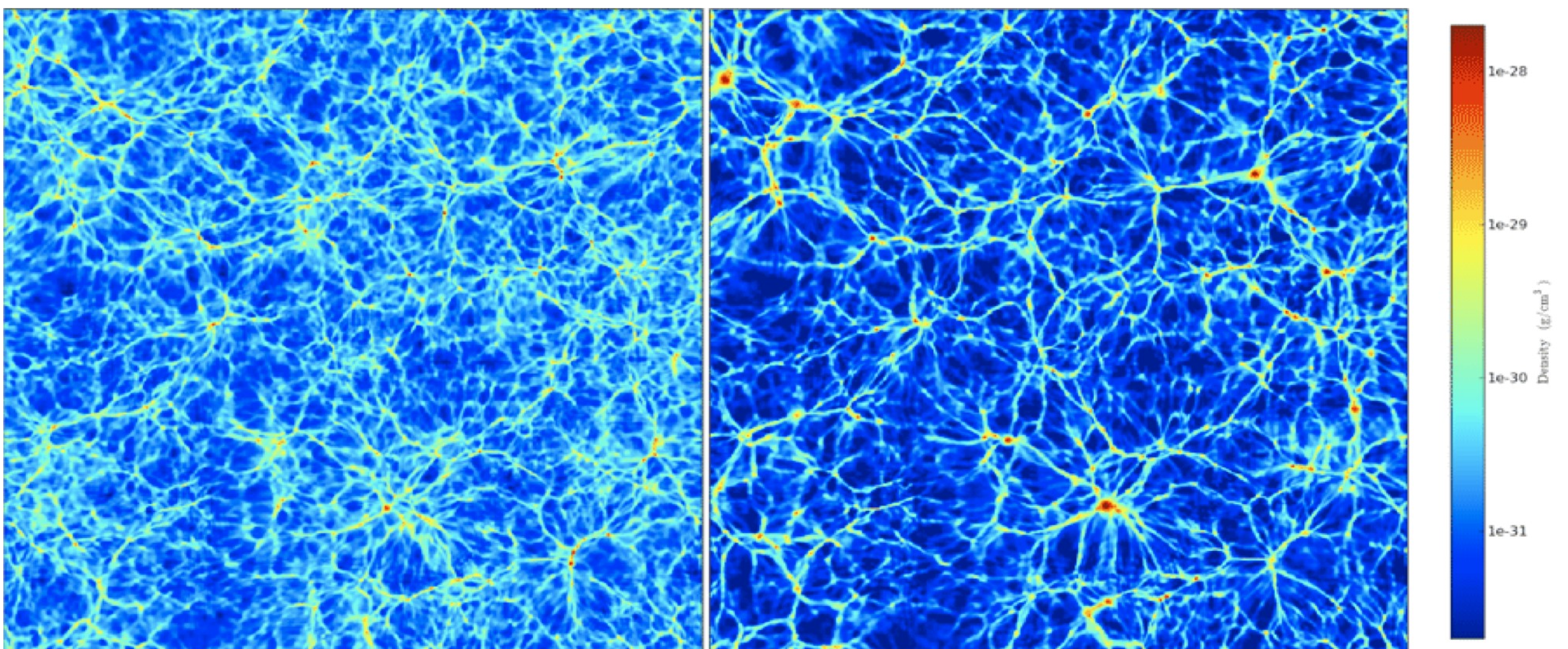
Thursday, April 23, 2026

Kleiner Hörsaal A (CS) 15:45 - 17:00

Prof. Vivian Poulin

(LUPM-CNRS & Montpellier University)

Neutrinos account for nearly 40% of the radiation density of the Universe at early times, and represent a small fraction of the matter density at late times, making cosmology a powerful laboratory to probe their fundamental properties. In particular, cosmological observations have placed increasingly stringent upper bounds on the sum of neutrino masses, which now appear to be in tension with inferences from neutrino oscillation experiments. I will review the current status of cosmological constraints on neutrino properties and discuss how to reconcile cosmological and laboratory measurements.



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Please note: The colloquium will also be live-streamed to B401 SR 410 (CN).

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