

LEPP JOURNAL CLUB

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Weighing Neutrinos

Neutrino oscillation experiments performed throughout the latter half of the twentieth century have yielded valuable information on the nature of neutrino masses and mixings. The evidence gathered represent the first significant challenge to the Standard Model of particle physics in many years of searching. As the next century begins, a new suite of precision experiments will come online to provide greater insight into the physics and significance of neutrino mass. This talk will review our current state of knowledge on neutrino masses, their connection to cosmology, and how new experiments will complement the knowledge of those two disciplines for years to come.



Friday

Nov. 16, 4:00pm

301 Physical Sciences Building
(Refreshments, 3:45pm)



LEPP, the Cornell University Laboratory for Elementary-Particle Physics, has joined with CHES to become the Cornell Laboratory for Accelerator-based Sciences and Education (CLASSE). LEPP's primary source of support is the National Science Foundation.

