



CU PHYSICS DEPARTMENT COLLOQUIUM

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**André de Gouvêa Northwestern University**

# The Brave new World

Over the past ten years, we have discovered that, different from initial expectations, neutrinos have mass. After quickly reviewing the history of the neutrino and how we came to know that they have tiny but non-zero masses, I'll discuss all that we still know we don't know about neutrinos. In the end, I'll discuss why massive neutrinos are a big deal and how they may have changed our understanding of the particle physics world.



HOSTED BY JANET CONRAD

