



We're delighted to announce a new weekly seminar series on particle physics this fall, taught by Adjunct Professor Dr. Terry Goldman at **1 — 2 pm every Friday** in **PAIS 3205**

Dr. Goldman is an expert on particle and nuclear physics and a retired staff scientist of Los Alamos National Laboratory

In this seminar series, he will review:

- The Standard Model of Particle Physics
- Neutrino physics (Dirac-Majorana, flavor mixing, etc)
- Grand Unification (including limited references to supersymmetry)
- QCD and nuclear structure physics
- Fermion mass spectrum
- The relation between Quantum Field Theory and Grand Canonical Ensemble in statical mechanics
- And more!

Please contact tsonberg@unm.edu if you have any questions about this course

PARTICLE PHYSICS

Terry Goldman

CONTACT

PHONE:
505-277-2616

WEBSITE:
<https://t.ly/8k76>

EMAIL:
t.goldman@gmail.com