



# PHYS 3446 – Lecture #14

*Wednesday, Oct. 27, 2010*

*Dr. Andrew Brandt*

- Test Review
- Particle Detection
- Ionization detectors



# HW6

- CH 6 problems 1,2,3,4,7,9
- Due Monday 11/1



# Project: Subjects

- Quark-Gluon Plasma (RHIC)
- Higgs Boson Theory
- Higgs Boson Searches at LEP
- Higgs Boson Searches at DZero
- Higgs Boson Searches at CMS
- Beyond the Standard Model Higgs rumors and CDF search
- Supersymmetry or Blackhole Searches at ATLAS
- Solar Neutrino Deficit
- Long baseline neutrino experiments (neutrino mass)
- G-2 experiments
- HERA experiments: diffraction/large rapidity gaps