~~Detector~~ Assignment

(Due Nov. 21st)

~~Choose~~ One of the large-scale HEP detector

(1) Give an overview of the physics program/goals at the experiment

(2) Discuss the sub-systems in detail.
This should include at least:
one ionization gaseous detector system
one vertex / microvertex detector
(Silicon or otherwise)
Calorimeter
Scintillation or Cerenkov or TRD
Show calculations wherever possible

(3) Make comments on precisions of measurements

(4) Suggest alternative detection techniques/detectors.