1. Self-shielding Detectors – how does affect conventional facilities?
2. Cooling by air systems
    a. Temperature Requirements and tolerances
        i. Detector
        ii. Power supply rooms
        iii. Computer and Control rooms
    b. Air flow requirements and delta T
    c. Humidity Requirements and tolerances
    d. Heat loads to air – by area
    e. Air exchange rates and purge requirements as it relates to heavier or lighter than air gas use. Hazardous or flammable gas.
3. Cooling by water systems
    a. System types, ICW, warm LCW, cooled LCW, chilled LCW, chilled water (CHW)
    b. Temperature requirements and tolerances
    c. Water flow requirements and delta T
    d. Heat loads to water – by system and area

4. Cryogenic use as it relates to conventional mechanical, electrical, and space requirements

5. Electrical Power Requirements (in watts)
    a. Experimental Systems power requirements includes detectors, electronic, control rooms, etc.
    b. Power Supplies
    c. Primary and “out of beam” detectors
    d. Grounding (isolation of grounding systems)

6. Fire Protection/Life Safety Systems
    a. Use of suppression gases, where, required volumes
    b. Sprinkler systems
    c. Fire detection – spot type, VESDA, line type heat detection