

Health Physics Society Southern California Chapter



Calibration Workshop

Course Outline:

October 11, 2007 8am—5pm

1. Instrument Calibration

- Review of Calibration Procedures
- Review of Calibration Certificate
- Electronic Calibration with Pulse Generator

2. Instrument and Detector Calibration

- Review of Calibration Procedures
- Review of Calibration Certificate
- Calibration Techniques using NIST Traceable Sources
 - Exposure Rate Calibration
 - 2 pi and 4 pi Calibration
- Electronic Calibration

3. Detector Operation

- Plateau



October 12, 2007 8am—5pm

1. Detector Trouble Shooting Techniques

- G-M
- Scintillation
- Air and Gas Proportional

2. Detector Repair

- G-M
- Scintillation
- Air and Gas Proportional

3. Instrument Trouble Shooting

4. Basic Instrument Repair

5. Re-Calibration Procedure

- Pre Cal. Readings

6. Cable Building and Repair

7. Questions and Review



**Make checks payable to
SCCHPS.**

Mail payment to: Caltech MC 25-6
1200 E. California Blvd
Pasadena, CA 91125
Attn: Karen Baumgartner

Calibration Workshop

Calibration training facilitated by
Randy Smith of Ludlum Instruments.

Class size is limited.

Registration fee of **\$450** includes:

- Catered breakfast and lunch for both days
- SCCHPS Dinner Meeting on October 11th.

2007 FALL WORKSHOP

Location:
Caltech
Dabney Hall & Gardens
1200 E. California Blvd.
Pasadena, CA 91125

RSVP:
Karen@caltech.edu