

DOE Lung Intercalibration Workshop 2002 Agenda

WORKSHOP

The DOE Lung Intercalibration Committee Workshop will be held May 7-9, 2002, in Augusta, Georgia. The workshop will be conducted at the scenic Savannah Rapids Pavilion. The Pavilion is nestled in a 31 acre wooded park on the edge of the Savannah River. A floor plan and directions to the facility are provided on the Pavilions web site (www.savannahrapids.com).

This year's workshop is co-sponsored by Westinghouse Savannah River Site. The workshop will consist of two days (May 7-8) of presentations on current in vivo and internal dosimetry topics. Each day's session will run from 7:45 am to 5:30 p.m. with a lunch break around noon. The last day session (May 9) will be a business meeting, 7:00 to 10:00 a.m., for DOE and DOE Prime Contract Lung Committee members only. A tour of SRS and the Whole Body Counting Facility is scheduled on Wednesday afternoon. Anyone interested in attending the workshop and tour must contact Kelly Crandall by April 22.

**Workshop Contact
Kelly Crandall
Phone: (803) 952-9536
E-mail: kelly.crandall@srs.gov**

COST

There is no cost to attend the workshop but Pavilion seating is limited. For out of town guest, please call or e-mail Kelly Crandall (kelly.crandall@srs.gov) by April 22. The deadline date for SRS attendees has been extended to May 2. However, any SRS person not signing up by May 2 will not be guaranteed a seat at the workshop.

DOE Lung Intercalibration Workshop 2002 Agenda

AGENDA

Attached is a preliminary agenda. A final schedule of the speakers and presentations will be provided during registration on Tuesday May 7th. If there are any questions, call or e-mail Kelly Crandall.

**Tuesday May 7
(Open Session)**

Time

Agenda

7:45 - 8:15 a.m.	Registration - Savannah Rapids Pavilion
8:15 - 8:30	Welcome Remarks (Mike Matheny)
Session Chair:	Kelly Crandall
8:30 - 9:00	A Case Study in Evaluation of an Inhalation Intake of Poorly Transported Plutonium at the Savannah River Site - Mitch Findley
9:00 - 9:30	Calibration for Chest Wall Thickness in Excess of 4 cm - Henry Spitz
9:30 - 10:00	Discussion on Lung Calibration Issues - Govind Rao facilitator
10:00 - 10:15	Break
Session chair:	Govind Rao
10:15 - 10:45	History of Canberra Lung Counting Systems - Melissa Patterson
10:45 - 11:30	A Practical Study - Using an ISOC's System (MCNP) for Lung Counting - Kelly Crandall/Ron Smith
11:30 - 1:00 p.m.	Lunch
Session Chair	Mac Ennis
1:00 - 1:30	Comparison of 3-Generations of LLNL Torso Phantoms - Gary Kramer
1:30 - 2:30	Hand Verification of Lung Counting Phantoms using Mathcad - Tom LaBone

DOE Lung Intercalibration Workshop 2002 Agenda

- 2:30 - 3:00** **Estimating Total Propagated Error for Lung Counting and Whole Body Counting - Dave Hickman**
- 3:00 - 3:15** **Break**

Tuesday May 7 (continued) (Open Session)

<u>Time</u>	<u>Agenda</u>
--------------------	----------------------

- | | |
|-----------------------|--|
| Session Chair: | Henry Spitz |
| 3:15 - 3:45 | Lung Counting and Accounting for the Uranium Background - Tim Lynch |
| 3:45 - 4:15 | Variation in Lung Counting Background for an Unexposed Population - Joel Webb |
| 4:15 - 4:45 | A Brief History of Canberra's In Vivo Counting Data Review Service - Dave Groff |
| 4:45 - 5:15 | Life after Phoswich (presentation on the construction of a new mobile lung counter) - Steve Allen |
| 5:30 | Workshop Adjourn |

DOE Lung Intercalibration Workshop 2002 Agenda

**Wednesday May 8
(Open Session)**

Time

Agenda

7:45 - 8:00 a.m.	Late Registration
Session Chair:	Dave Hickman
8:00 - 8:30	Reducing ²³⁵U MDA by a Factor of Two - Gary Kramer
8:30 - 9:00	The Expectation of False Positive Counts as a Function of Library Nuclides - Dave Hickman
9:00 - 9:30	Move of <i>In Vivo</i> Counter - Henry Spitz
9:30 - 10:00	Discussion on QC Limits and I-125 in Lung - Govind Rao facilitator
10:00 - 10:15	Break
Session Chair	Tim Lynch
10:15 - 10:45	Particle Size Study at SRS - Ed Kvartek
10:45 - 11:30	Open discussion
11:30 - 1:00 p.m.	Lunch
1:00 - 1:30	A Brief History of SRS Whole Body Systems – Kelly Crandall (In Preparation for the SRS Tour)
1:30 - 2:15	Open discussion
2:30 - 5:20	Tour of Savannah River Site Including the In Vivo Counting Facility
5:30	Workshop Adjourn

DOE Lung Intercalibration Workshop 2002 Agenda

Thursday May 9

Time

Agenda

7:00 - 10:00 a.m.

**Business Meeting for DOE and DOE Prime Contractors
Committee Members**

10:00

Business Meeting Adjourn