



Lawrence Livermore National Laboratory and NNSA Livermore Site Office

Announce the First Annual

Laser Safety Officer Workshop

August 3-5, 2005

No Registration or Course Fees – Must RSVP by July 15, 2005

For those involved in laser safety, particularly in the Department of Energy and Federal Government setting, this workshop will offer a program aimed at helping the Laser Safety Officer (LSO) and program reviewer deal with the complex world of laser safety in a research setting. Every effort has been made to obtain exceptional speakers for presentations, panel discussions, and technology updates. We are initiating this workshop as a result of the DOE Special Operations Report on Laser Safety. Attendees will receive course notes, and CEU points have been applied for. Some space has been reserved for individuals that wish to submit a paper (see RSVP form for procedure).

“I think we have put together a program like no other, and I look forward to seeing you there. Without your participation the concept of a DOE LSO program and working groups will fade away.” Ken Barat, Workshop Director



Hazards Control Department
Safety Programs Division
RSVP Response Form

Please complete this form and submit by **July 15, 2005** to:

Dena Rutan – Workshop Administrator
Lawrence Livermore National Laboratory

Email: rutan2@llnl.gov

Fax: 925.422.5270

Phone: 925.423.0696

- I will be attending the 1st Annual LSO Workshop
 I am interested but attendance is uncertain
 I will not be attending but place me on your notification list for next year.

Name	
Institution	
Mailing Address	
Phone Number	
Email Address	

Accommodations - A list of near-by hotels can be found at the LLNL Website:

<http://www.llnl.gov/llnl/visiting/>

Submitted Papers

If you wish to present at the workshop,
please send a 50-100 word abstract to:

Ken Barat at Barat1@llnl.gov

Laser Safety Officer Workshop

Preliminary Agenda

Day 1

Time	Topic	Speaker
7:30-8:30	Badging & registration	
8:30	Welcome	LLNL Director's Office Representative
8:45	Welcome	HCD Management
9:00	Explanation of Conference	Ken Barat
9:15	Changes coming to ANSI Z136.1	
10:00	Break	
10:20	Outdoor LSO duties	
11:00	FAA outdoors rules	
11:40	Lunch	
12:45	Workshop 1--Special Operations Report	
1:45	Tech update--High power diodes	
2:30	Break	
3:00	Tech update---Intense Pulse lasers	
4:00	Workshop #2 Discussion on Universal Laser Safety Training/reciprocity	

Day 2

8:30	Navy LSO Training	
9:10	Los Alamos Accident Review (7/04)	
9:50	Laser Audits	
10:30	Break	
10:45	Tech update Fiber Lasers	
11:30	Lunch	
12:30	Workshop 3--Laser safety at User Facilities	
1:30	Room interlocks –Access	
2:10	Break	
2:30	Calculation software demo LIA- Laser Hazard Evaluator	
3:10	Calculation software Demo Easy Haz Pro	
3:50	Calculation software Demo RLI	

Day 3

8:30	Workshop 4-- Distribution of lessons learned/LSO networking	
9:30	Mentoring Students	
10:15	Alternative room access or open paper	
11:00	Conclusion	
11:15	Tour(s) NIF, & or Falcon, Janus, etc	