

The World's Leading Conference on Laser Safety



INTERNATIONAL LASER SAFETY CONFERENCE

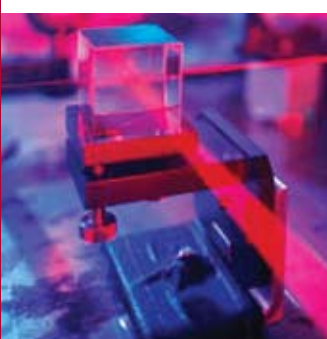
Call *for* Papers

ILSC® 2011

March 14 - 17, 2011

Doubletree Hotel San Jose

San Jose, CA, USA



Featuring:

- Laser Safety Scientific Sessions
- Technical Practical Applications Seminar
- "Hot Topic" Luncheon
- Awards Luncheon
- **New for 2011!** Medical Practical Applications Seminar – Earn contact hours while experiencing cutting-edge presentations

Presented by:



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www.laserinstitute.org/ilsc

INTERNATIONAL LASER SAFETY CONFERENCE MONDAY - THURSDAY, MARCH 14-17

Conference General Chair: Benjamin Rockwell, Ph.D.

Air Force Research Laboratory, Brooks City-Base, TX, USA

The 2011 International Laser Safety Conference (ILSC®) is a comprehensive four-day conference covering all aspects of laser safety practice and hazard control. Scientific sessions will address developments in regulatory, mandatory and voluntary safety standards for laser products and for laser use. The Practical Applications Seminars (PAS) complement the scientific sessions by exploring everyday scenarios that the LSO and MLSO may encounter. For ILSC® 2011, we are expanding PAS to include the medical community. Laser safety experts from all over the world will meet and discuss their research, programs and standards. Professionals in all fields and applications will find ILSC® 2011 a tremendous source for information and networking opportunities.

Top Reasons to Attend ILSC® 2011:

- Continuing Education - Participate in workshops and technical sessions led by experts in the field
- Network - Opportunities throughout the conference to interact with peers and make new contacts
- One-Stop Solutions - Interact with sponsors and view new technological developments and innovative products that may solve an issue for you
- Idea Exchange - Brainstorm with colleagues and peers to meet the challenges of tomorrow
- **New for 2011** - Medical Practical Applications Seminar Earn contact hours while experiencing cutting-edge presentations
- Returning for 2011 – The highly regarded Technical Practical Applications Seminar for the practicing LSO



ABSTRACT SUBMITTAL DEADLINE August 15, 2010

ABSTRACT SUBMISSION GUIDELINES

Submit your 100-200 word abstract or workshop today on the web: www.laserinstitute.org/ilsc

Laser Safety Scientific Sessions (LSSS) Chair: John O'Hagan, Ph.D.

Health Protection Agency, Chilton, Didcot, UK

FEATURED at LSSS

- Safety Standards Legislation
- Bioeffects
- Practical Laser Safety
- Laser Safety Training
- Outdoor Lasers
- Control Measures
- High-Power Laser Issues
- Hazard & Risk Assessment
- Measurements
- Eye Protection
- Non-Beam Hazards & Fume Extraction

WHO SHOULD ATTEND ILSC® 2011?

The conference is planned to provide vital information for people in industry, medicine, government and academia with laser safety responsibilities including:

- Laser Safety Officers
- Medical Laser Safety Officers
- Industrial Hygienists
- Nurses
- Medical Technicians
- Safety Product Manufacturers
- Laser Physicists
- Safety Engineers
- Insurance & Risk Managers
- Biomedical & Biophysical Researchers
- Health Physicists
- Government & Military Personnel
- Environmental Health & Safety Professionals
- Entertainment Lighting Producers

ILSC® 2011 International Advisory Board:

Ben Edwards, CLSO, *Duke University*, Durham, NC, USA

Jerome Dennis, *Consultant*, Gaithersburg, MD, USA

Roy Henderson, *Bioptica*, Cambridge, UK

Jay Parkinson, CLSO, *Phoenix Laser Safety LLC*, Chandler, AZ, USA

Karl Schulmeister, *Seibersdorf Laboratories*, Seibersdorf, Austria

David Sliney, CLSO, *Laser Safety Associations*, Fallston, MD, USA

John Tyrer, *Loughborough University*, Leicestershire, UK

Kunihiko Washio, *Paradigm Laser Research Ltd.*, Tokyo, Japan

ILSC® FINAL MANUSCRIPT SUBMISSION DEADLINE

January 5, 2011

Manuscript due dates must be strictly observed. Late manuscripts run the risk of not being published in the Conference Program & Proceedings. This policy enables LIA to better serve conference participants by publishing the program and proceedings before the conference for on-site distribution. Your cooperation is appreciated by all.



Plenary Session

Invited Speakers

Kay Ball, RN, BSN, MSA, Ph.D, CNOR, FAAN

Medical Laser Clinical Applications – A Description from Head-to-Toe

Second Speaker - To Be Announced

Please check www.laserinstitute.org/ilsc for updates.

MEDICAL PRACTICAL APPLICATIONS SEMINAR MONDAY & TUESDAY, MARCH 14-15

Medical Practical Applications Seminar (PAS)

Chair: Vangie Dennis, RN, CNOR, CMLSO

Gwinnett Medical Center, Duluth, Georgia, USA

The **Medical Practical Applications Seminar** is an exciting, new 2-day seminar for Medical Laser Safety Officers. This seminar will be particularly useful for MLSOs who work in operating rooms, surgical centers, aesthetic clinics and medical spas. Participants will benefit from the cutting-edge medical laser safety presentations that will be showcased.

Topics include:

- Plume Hazards
- Hazards of Airway Passage
- Accidents in the O.R.
- Regulations/Litigation
- Setting up a Safety Program for the O.R.
- Eye wear & Curtains/Barriers

TECHNICAL PRACTICAL APPLICATIONS SEMINAR WEDNESDAY & THURSDAY, MARCH 16-17

Technical Practical Applications Seminar (PAS)

Chair: Sheldon Zimmerman, CLSO

Naval Surface Warfare Center, Dahlgren, Virginia, USA

The **Technical Applications Seminar** is a 2-day seminar for the practicing Laser Safety Officer. This seminar will be particularly useful for LSOs who are not full-time laser safety professionals. Participants will be involved in panel discussions and hot topics addressing the more common safety issues and concerns of the day-to-day operations in commercial, factory, research, and medical facility settings. Learn and network with your peers!

Topics include:

- Laser Safety in the Workplace
- How to Determine Nominal Hazard Zones (NHZ)
- What LEP should I Select?
- What Control Measures are Mandatory?
- How do I know if this Laser is Dangerous?
- What Regulations Apply to Me?

ILSC® HIGHLIGHTED TOPICS / EVENTS

- **Welcome Reception** – Welcome new attendees and catch up with friends and colleagues.
- **Sponsor Reception** – ILSC® sponsors and attendees meet to discuss products, ideas, opportunities, and solutions at the sponsor reception.
- **“Hot Topic” Luncheon** – Join a moderated panel discussion led by experts in the laser safety industry.
- **Awards Luncheon** – Featuring the George M. Wilkening Award Presentation & the R. James Rockwell Educational Achievement Award.

Sponsorship Opportunities

Sponsorship is open to all companies and institutions (industrial, medical and educational) within the laser industry.

ILSC® provides several levels of sponsorship to give your company the opportunity to connect with ILSC® and Practical Applications Seminar attendees. Sponsorships include conference registration, advertising opportunities and prominent signage during your company's event. All sponsor levels include booth space at the Tuesday evening Sponsor Reception. For further information, please go to www.laserinstitute.org/ilsc or contact the LIA Conference Department by phone: +1.407.380.1553 or via e-mail: ilsc@laserinstitute.org

Discover San Jose, California

The city of San Jose stands in the state of California and is the capital of Silicon Valley, boasting some impressive statistics. San Jose is one of California's fastest-growing cities, the largest city in northern California, one of America's safest cities and San Jose averages over 300 days of sunshine each year.

Just 45 minutes drive from nearby San Francisco, San Jose is often referred to as the "Gateway to the Bays." Founded in 1777, San Jose was California's first capital city and is full of truly world-class tourist attractions, fine dining and a vibrant nightlife. San Jose is an impressive, dynamic city and is home to many of America's top manufacturing companies and industry leaders.

ILSC® Conference Chairs:

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Laser Safety Scientific Sessions (LSSS) Chair: John O'Hagan, Ph.D

Health Protection Agency, Didcot, UK

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Medical Practical Applications Seminar (PAS) Chair: Vangie Dennis, RN, CNOR, CMLSO

Gwinnett Medical Center, Duluth, Georgia, USA



Laser Institute of America (LIA), founded in 1968, is the professional society for Laser Applications and Safety. It is comprised of laser researchers, manufacturers, integrators, and end users working together to increase the use and safe application of laser technologies.

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