

LASER INSTITUTE OF AMERICA

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FOR IMMEDIATE RELEASE

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NEW LASER SAFETY PUBLICATION NOW AVAILABLE FROM LIA

ORLANDO, FLA. — Laser Institute of America (LIA) is proud to announce the availability of a new publication, *Laser Safety Tools & Training* (ISBN: 9781420068542, LIA Pub. #215). This book is a valuable addition to any laser safety professional's library.

Laser Safety Tools and Training, written by LIA Member Ken Barat, is designed for use as either a stand-alone volume or supplement to *Laser Safety Management*. The hardcover, 392-page book features fundamental laser and laser safety information from its companion text, yet its depth and breadth make it appropriate for both the seasoned professional as well as the novice.

The first laser guide written by a working laser safety officer (LSO), *Laser Safety Tools and Training* presents case studies of real accidents, and templates for documenting potential laser risks and attendant safety measures. This guide presents simple, effective ways for users in a variety of facilities to evaluate the hazards of any laser procedure and ensure they are following documented laser safety standards.

Reflecting the exponential use of laser technology over the last several years, *Laser Safety Tools and Training* considers the growing use of petawatt laser installations and nanotechnology applications and addresses current laser projects such as the National Ignition Facility (NIF) and Linac Coherent Light Source (LCLS). Several chapters explore the components of laser work and laser safety that deal with optics, the optical table, the power meter and user training. The book boasts more than 150 diagrams and photographs to clarify the material.

Ken Barat is the LSO for the Lawrence Berkeley National Laboratory, the first Department of Energy national lab. He also served as the LSO for the National Ignition Facility Directorate at Lawrence Livermore National Laboratory and is a member of the Laser Safety Forum in the United Kingdom. Internationally recognized, he has collected the wisdom of the top minds in the laser field to present a practical, straightforward handbook that helps those who work with lasers to harness their potential without endangering themselves or the people around them.

“Since this is my second book on laser safety, I wanted it to contain a mixture of practical laser safety topics as well as information that would help an LSO or laser user understand some of the not so obvious aspects of laser use, technology and laser safety activities,” Barat says. “Being an LSO in a government research environment, I deal with a number of issues an industrial LSO might not have to think about. So the topic selection is based on my LSO expediencies as well as topics I hope the reader will walk away with a greater understanding of not only the topic, but how it relates to their user community. Some examples are vibration control, accident investigation and beam profiling.”

Laser Safety Tools & Training is available from LIA for \$160 (\$140 for LIA members). For more information, go to our website at www.laserinstitute.org.

The Laser Institute of America (LIA) is the international society for laser applications and safety. Our mission is to foster lasers, laser applications, and laser safety worldwide. Serving the industrial, medical, research and government communities for over 40 years, LIA offers technical information and networking opportunities to laser users from around the globe.

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