Light Amplification by Stimulated Emission of Radiation or LASER

Avoiding accidents, especially those of the eye, is what laser safety is all about. Because even limited amounts of exposure can result in permanent injury, sale and usage of lasers is usually subject to regulations.

Someone exposed to laser radiation, particularly invisible radiation, may not even be aware that damage is occurring. Some lasers are so powerful that even the diffuse reflection from a surface can create an injury causing hazard.

Retinol and cornea injuries as well as skin damage can occur in less than a blink of the eye so great caution is recommended with all laser usage regardless of the work site.

*Laser Safety for Health Physicists*

will provide foundation information and a reference point for creating and ensuring safety in the workplace when using lasers according to the American National Standard for Safe Use of Lasers: ANSI Z136.1

This workshop was developed with support from the National Institute for Occupational Safety and Health, the Centers for Disease Control and Prevention, the Public Health Service, the US Department of Health and Human Services.
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Ben Edwards is a health physicist at the Duke University Medical Center in Durham, North Carolina. A BLS Certified Laser Safety Officer, Ben holds a BS in Physics and an MS in Occupational Safety. He has practiced and applied laser safety nearly two decades in such diverse fields as medicine, biomedical research and academic environments. Ben has conducted research and published several papers on operational laser safety. A member of the Laser Institute of America (currently serving on the Board of Directors), the Health Physics Society (on the Program Committee), and the American Society of Safety Engineers. He serves on the ANSI Z136 Committee (currently as vice-chair of the Non-beam Hazards technical subcommittee), the Board of Laser Safety and as a conference chair for the 2009 International Laser Safety Conference.

Registration and Cancellations
The registration fee includes all course materials, speaker fees, continental breakfast and break refreshments. Cancellations must be in writing and refunds (minus a $50 administration fee) will only be issued up to 2 weeks prior to the course. Participant substitutions are permitted with prior written notice.