

21.-23.09.2022

LASER SAFETY OFFICER TRAINING

Every organisation operating Class 3B and 4 lasers should appoint a Laser Safety Officer (LSO). The training provides you with the comprehensive information needed to perform this job. The training is suitable for laser operators, risk prevention professionals, health and safety officers and managers.

PROGRAM

- Legal and other regulations related to laser safety
- Levels of competence of persons in the field of laser safety (CSN 36 7751)
- Fundamentals of lasers and fibre optics
- Classification of lasers (EN 60825-1: 2014)
- Maximum permissible laser exposure values (NV 291/2015 Coll.), examples of exposure calculations
- Direct and indirect health effects of radiation
- How to select suitable laser safety glasses (EN 207:2017) and glasses for alignment work (EN 208:2009), practical calculations
- Risks of working with lasers
- Technical measures
- Interlocking principles in laser safety
- Administrative measures
- Examples of near misses and accidents with lasers
- Practical part in the laboratory - safe working procedures, laser system setup
- Excursions in laser laboratories
- Verification of knowledge - test

Where: HiLASE Centre, Za Radnici 828, Dolni Brezany

Price: 18 900,- CZK (excluding VAT)/ per person
Refreshments are included. Participants will receive study materials, standard EN 60825-1:2014, standard EN 207:2016 and a certificate of completion. The duration of the training is 2.5 days.

Trainers:

Mgr. Helena Vohníková, laser safety officer at HiLASE Centre, trainer of laser safety trainings and a „Certified Laser Safety Officer“ - awarded by the [Board of Laser Safety](#).

Jiří Mužík, Ph.D., Team Leader: Thin-Disk Lasers and Postdoctoral Fellow: PERLA C

Jaroslav Huynh, Ph.D., Postdoctoral Fellow: PERLA B

Jakub Horáček, Senior Control Systems Engineer

Max. capacity 10, min. capacity 4 participants.

Please do not hesitate to contact us at communication@hilase.cz for more details.

REGISTRATION