

*Oddělení diodově čerpaných laserů a realizační tým projektu HiLASE
Vás zve na seminář*

Development and applications of lasers: how to make a laser suitable for industrial application

Dr. Danijela Rostohar

National Center for Laser Application, NUI Galway, Ireland

What are the k-requirements for a laser to be easy implemented in different industrial applications? In the case of each application there are different parameters that are crucial, but there are some which are important in almost all applications. This talk will try to summarize them. The answer to why power, pulse duration, repetition rate as well as size and weight are the first one to be check will be given. Beside mentioned requirements the way to implement a laser in the system containing movable stages and scanners will be also discussed. Additionally, for one laser in the industry is expected to work 24/7 delivering a stable output with low cost of maintenance. Not less important is to provide good training and fast responding and reliable service.

***který se bude konat dne 10. 4. 2012 od 10:30
v zasedacím sále***

Fyzikálního ústavu AV ČR, v.v.i.