

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

Recent advances in laser diode pump engines for high power amplifiers

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Based on recent advances in diode laser technology we present experimental results for peak power, brightness, spectrum, and beam homogeneity of several low duty cycle pump modules with peak powers ranging from 2 kW to 80 kW. We will discuss their suitability for pumping Yb^{3+} -doped laser materials. We will also propose beam delivery systems to scale the peak power of pump engines to the 100 to 1.000 kW range.

***který se bude konat dne 20.3.2012 od 10:30
v zasedacím sále
Badatelského centra PALS.***