

# HiLASE Centre, Institute of Physics AS CR, v.v.i.

[www.hilase.cz](http://www.hilase.cz)

## Martina Řeháková

Business Development Manager

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## Introduction

Under one roof we develop the next generation of high-power Diode Pumped Solid State Lasers, while at the same time, utilize these unique light sources for a wide range of hi-tech industrial applications such as Laser Shock Peening, Laser Induced Damage Threshold testing (certified LIDT laboratory), and Laser Micro-Machining.

Our most important facilities include the world record-breaking superlaser “Bivoj”, delivering over 1 kW of average power, and the compact picosecond thin-disk lasers PERLA delivering high power laser beams at wavelengths from mid-infrared to deep ultraviolet. It makes HiLASE facility the perfect partner for hi-tech companies, bringing an unmatched opportunity for research excellence, technological innovation and industrial use.

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### **We offer**

Laser Technology and Applications

- Contract and collaborative laser research
- LIDT (certificated laboratory)
- LSP (case studies)
- LMM (case studies)
- LSTC (laser safety trainings, consultations under request)

### **We are looking for**

- Industrial partners for projects
- R&D collaboration
- Students (Internship , bachelor´s, diploma, and Ph.D. thesis)

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## Pictures

