

Curriculum vitae

Ondřej Novák

I received his Ph.D. in Physical Engineering from the **Faculty of Nuclear Sciences and Physical Engineering, Czech Technical University in Prague** in 2013. I was participating in the development of the optical parametric chirped pulse amplification system at the **Institute of Physics of the Czech Academy of Sciences**, which performed proof of principle experiment for the petawatt upgrade of the kilojoule laser PALS. I joined **HiLASE Centre at Institute of Physics** after finishing my Ph.D. I am head of the **Nonlinear optics group**, which is working on the conversion of the wavelength of the high average power laser beams. The wavelengths covered span from ultraviolet to longwave infrared.

I extended my expertise during stays at renowned institutes, namely:

Max Born Institute, Berlin, Germany

Massachusetts Institute of Technology (Research Laboratory of Electronics), Cambridge, USA

Laser-Laboratorium Göttingen, Göttingen, Germany

Utsunomiya University (Center for Optical Research and Education), Utsunomiya, Japan

Technische Universität Darmstadt (Department of Physics), Darmstadt, Germany.