



ulm university universität  
**uulm**



# Annual Report 2014

Institute of Optoelectronics

**Cover photo:**

Optically pumped semiconductor disk laser having a triple-folded external cavity with two nonlinear crystals. The frequency-doubling crystal in the front generates visible blue light with a wavelength of 488 nm. The second crystal provides sum-frequency mixing of the fundamental infra-red radiation at 976 nm and the frequency-doubled light to obtain 90 mW of ultra-violet laser emission at the third harmonic of 325 nm.