

Hands-on Seminar: Experimental Optics and Atomic Physics

Prof. Martin Weitz, Johannes Koch

Date: Mondays 9 c.t.

Place: IAP, Foyer

Topics	Date
• Introduction	11.04.2016
• Introductory laser optics, chopper and photodiode	25.04.2016
• Gaussian optics, laser beam profiles, optical fibers	02.05.2016
• Optical resonators	09.05.2016
• Diode laser, atomic spectroscopy	23.05.2016
• Acousto-optical modulators	30.05.2016
• Beat-signal of modulated laser beams	06.06.2016
• Radiofrequencies, RC-Filter, rf-Mixer, ...	13.06.2016
• Light polarisation and birefringency	20.06.2016