

Hands-on Seminar: Experimental Optics and Atomic Physics

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Date: Mondays 9 c.t.

Place: IAP, Foyer

Topics	Date
• Introduction	14.10.2013
• Introductory laser optics, chopper and photodiode	04.11.2013
• Gaussian optics, laser beam profiles, optical fibers	11.11.2013
• Optical resonators	18.11.2013
• Diode laser, atomic spectroscopy	25.11.2013
• Acousto-optical modulators	02.12.2013
• Beat-signal of modulated laser beams	09.12.2013
• Radiofrequencies, RC-Filter, rf-Mixer, ...	16.12.2013
• Light polarisation and birefringency	13.01.2014