

# Hands-on Seminar: Experimental Optics and Atomic Physics

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Date: Mondays 8 c.t./10.c.t.

Place: IAP, Foyer

Topics	Date
• Introduction	17.10.2016 (9 c.t.)
• Introductory laser optics, chopper and photodiode	09.11.2016
• Gaussian optics, laser beam profiles, optical fibers	16.11.2016
• Optical resonators	23.11.2016
• Diode laser, atomic spectroscopy	30.11.2016
• Acousto-optical modulators	07.12.2016
• Beat-signal of modulated laser beams	14.12.2016
• Radiofrequencies, RC-Filter, rf-Mixer, ...	21.12.2016
• Light polarisation and birefringency	11.01.2017