

# Hands-on Seminar: Experimental Optics and Atomic Physics

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Date: Mondays 8 s.t.

Place: IAP, Foyer

Topics	Date
• Introduction	24.04.2017
• Introductory laser optics, chopper and photodiode	08.05.2017
• Gaussian optics, laser beam profiles, optical fibers	15.05.2017
• Optical resonators	22.05.2017
• Diode laser, atomic spectroscopy	29.05.2017
• Acousto-optical modulators	12.06.2017
• Beat-signal of modulated laser beams	19.06.2017
• Radiofrequencies, RC-Filter, rf-Mixer, ...	26.06.2017
• Light polarisation and birefringency	03.07.2017