

# Hands-on Seminar: Experimental Optics and Atomic Physics

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Date: Mondays 9 c.t.

Place: IAP, Foyer

Topics	Date
• Introduction	09.10.2017
• Introductory laser optics, chopper and photodiode	06.11.2017
• Gaussian optics, laser beam profiles, optical fibers	13.11.2017
• Optical resonators	20.11.2017
• Diode laser, atomic spectroscopy	27.11.2017
• Acousto-optical modulators	04.12.2017
• Beat-signal of modulated laser beams	11.12.2017
• Radiofrequencies, RC-Filter, rf-Mixer, ...	18.12.2017
• Light polarisation and birefringency	08.01.2018