

Hands-on Seminar: Experimental Optics and Atomic Physics

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Date: Mondays 9 c.t.

Place: IAP, Foyer

Topics	Date
• Introduction	08.10.2018
• Introductory laser optics, chopper and photodiode	29.10.2018
• Gaussian optics, laser beam profiles, optical fibers	05.11.2018
• Optical resonators	12.11.2018
• Diode laser, atomic spectroscopy	19.11.2018
• Acousto-optical modulators	26.11.2018
• Beat-signal of modulated laser beams	03.12.2018
• Radiofrequencies, RC-Filter, rf-Mixer, ...	10.12.2018
• Light polarisation and birefringency	17.12.2018