

Hands-on Seminar: Experimental Optics and Atomic Physics

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Date: Mondays 9 c.t.

Place: IAP, Foyer

Topics	Date
• Introduction	01.04.2019
• Introductory laser optics, chopper and photodiode	15.04.2019
• Gaussian optics, laser beam profiles, optical fibers	29.04.2019
• Optical resonators	06.05.2019
• Diode laser, atomic spectroscopy	13.05.2019
• Acousto-optical modulators	20.05.2019
• Beat-signal of modulated laser beams	27.05.2019
• Radiofrequencies, RC-Filter, rf-Mixer, ...	03.06.2019
• Light polarisation and birefringency	17.06.2019