

Optics for PhDs

Ulrike Frühling¹ and Henning Moritz²

¹Institut für Experimentalphysik, Fachbereich Physik, Universität Hamburg

²Institut für Laserphysik, Fachbereich Physik, Universität Hamburg

The series of lecture on experimental optics will take place from 10 to 12 am of each appointment. The topics to be discussed will be:

- Monday 19.10: Introduction to paraxial + geometric + Fourier optics (Frühling)
- Wednesday 21.10: Lenses and lens systems (Moritz)
- Monday 26.10: Gaussian optics (Frühling)
- Thursday 29.10: Tips and tricks regarding devices, from AOM via Fibers, isolators, to cameras (Moritz)
- Optional topics: Absorption and high-resolution imaging of atoms, ...