

Here are the slides for the course Applied Wave Optics of Reinhard Caspary at Leibniz University Hannover. The course consists of 13 lectures:

- AWO-01 Maxwell Equations
- AWO-02 Wave Equation
- AWO-03 Waves at Interfaces
- AWO-04 Film Waveguides
- AWO-05 Channel Waveguides
- AWO-06 Mode Decomposition
- AWO-07 Waveguide Coupling
- AWO-08 Laser Resonator
- AWO-09 Coherence
- AWO-10 Laser Threshold
- AWO-11 Spectrometer and Interferometer
- AWO-12 Holography I (not available as OER resource yet)
- AWO-13 Holography II (not available as OER resource yet)

In the respective folders you find the PDF files containing the slides, the markdown source file and all illustrations as SVG vector graphics. Some illustrations also come with Python generator scripts.

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