

SK2300 HT19-1 Optical Physics

This course 'SK 2300 Optical Physics' is a continuation of lower-grade wave courses, an application of theoretical electromagnetics and an explanation of many experiments and phenomena found in other courses. Its main topics are:

- Geometrical optics
- Diffraction
- Interference
- Polarization
- Coherence
- Quantum optics

Teachers / course responsables

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Intended learning outcomes

There are two main aims:

- To give deepened and widened insight into optical physics seen both as science and as technology.
- To create a fundament for the more specialized courses in optics

Files

Under 'files' you find lecture notes, problems and solutions, the lab schedule, lab instructions and old exams.

Further information

Please read the [course web \(Links to an external site.\)](#).