

Fundamentals of Photonics (FOP)

Winter Term 2025/26

– General Information –

Lecture: Prof. Dr. Christian Koos
Institute of Photonics and Quantum Electronics (IPQ)
Building 30.10, Room 3.45
Tel. 0721-608-42491
christian.koos@kit.edu

Tutorial:

Dr. Daniel Drayss Building 30.10, R. 1.21 Tel. 0721-608-42496 daniel.drayss@kit.edu	Christoph Wilhelm, M.Sc. Building 30.10, R. 2.30 Tel. 0721-608-41934 christoph.wilhelm2@kit.edu	Stefan Singer, M.Sc. Building 30.10, R. 2.23 Tel. 0721-608-48954 stefan.singer@kit.edu
---	--	--

Date and Location: Monday, 11:30 - 13:00 h: Seminar Room 0.014 (ground floor),
Building 20.30 (mathematics)
Thursday, 11:30 - 13:00 h: Sport-Hörsaal, Building 40.40

Materials: Lecture materials and problem sets will be available through KIT's digital teaching platform ILIAS (<https://ilias.studium.kit.edu/>).

Examination:

- Oral; duration approx. 20 minutes
- Dates on appointment, ask at IPQ office for available time slots (Building 30.10, Room 3.44); registration online
- **Bonus system:** During the term, **three** problem sets will be "collected" in the tutorial and graded without prior announcement. If for each of these sets more than 70% of the problems have been solved correctly, your oral examination grade will be upgraded by a bonus of 0.3 or 0.4 (except for the grades of 1.0, and 4.7 or worse). To obtain the bonus, please make sure to submit your solutions via ILIAS **before** the respective tutorial starts. Please merge all pages into a single pdf file, and please, if possible, use a scanner to provide legible pdfs. Snapshots are often illegible, and in that case your solution cannot be graded.

Semester plan: Subject to modifications, which will be announced in the lecture or in the tutorial.

Mon., 27. Oct 2025: Lecture 1	Thu., 30. Oct 2025: Lecture 2
Mon., 03. Nov 2025: Lecture 3	Thu., 06. Nov 2025: Lecture 4
Mon., 10. Nov 2025: Lecture 5	Thu., 13. Nov 2025: Tutorial 1
Mon., 17. Nov 2025: Tutorial 2	Thu., 20. Nov 2025: Tutorial 3
Mon., 24. Nov 2025: Lecture 6	Thu., 27. Nov 2025: Lecture 7
Mon., 01. Dec 2025: Lecture 8	Thu., 04. Dec 2025: Tutorial 4a
Mon., 08. Dec 2025: Lecture 9	Thu., 11. Dec 2025: Tutorial 4b
Mon., 15. Dec 2025: Lecture 10	Thu., 18. Dec 2025: Tutorial 5
Mo., 22. Dec 2025, to Tue., 06. Jan 2026: Christmas break	
Mon., 05. Jan 2026: No lecture	Thu., 08. Jan 2026: Lecture 11
Mon., 12. Jan 2026: Lecture 12	Thu., 15. Jan 2026: Tutorial 6
Mon., 19. Jan 2026: Lecture 13	Thu., 22. Jan 2026: Tutorial 7
Mon., 26. Jan 2026: Lecture 14	Thu., 29. Jan 2026: Tutorial 8
Mon., 02. Feb 2026: Tutorial 9	Thu., 05. Feb 2026: Lecture 15
Mon., 09. Feb 2026: Tutorial 10	Thu., 12. Feb 2026: Tutorial 11 / Lab Tour
Mon., 16. Feb 2026: Tutorial 12	Thu., 19. Feb 2026: Tutorial 13