

Optical Waveguides and Fibers (OWF)

Winter Term 2024/25

– General Information –

Lecture: Prof. Dr. Christian Koos
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Tutorial: Yiyang Bao, M.Sc.
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Christoph Wilhelm, M.Sc.
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Date and Location: Tuesday, 15:45 - 17:15 h: Kl. ETI, Building 11.10
Wednesday, 11:30 - 13:00 h: Seminar room -1.013 (basement),
Building 20.30 (mathematics department)

Materials: Slides, lecture notes 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 secretariat 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 use a scanner. Smartphone made snapshots are often illegible, and in that case your solution can not be graded.

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

Tue., 22. Oct 2024: Lecture 1	Wed., 23. Oct 2024: Lecture 2
Tue., 29. Oct 2024: Lecture 3	Wed., 30. Oct 2024: Tutorial 1
Tue., 05. Nov 2024: Lecture 4	Wed., 06. Nov 2024: Lecture 5
Tue., 12. Nov 2024: Lecture 6	Wed., 13. Nov 2024: Tutorial 2
Tue., 19. Nov 2024: Lecture 7	Wed., 20. Nov 2024: Tutorial 3
Tue., 26. Nov 2024: Lecture 8	Wed., 27. Nov 2024: Lecture 9
Tue., 03. Dec 2024: Tutorial 4(a)	Wed., 04. Dec 2024: Tutorial 4(b)
Tue., 10. Dec 2024: Lecture 10	Wed., 11. Dec 2024: Lecture 11
Tue., 17. Dec 2024: Lecture 12	Wed., 18. Dec 2024: Tutorial 5
Tue., 24. Dec 2024, to Mon., 06. Jan 2025: Christmas break	
Tue., 07. Jan 2025: Lecture 13	Wed., 08. Jan 2025: Tutorial 6
Tue., 14. Jan 2025: Lecture 14	Wed., 15. Jan 2025: Tutorial 7
Tue., 21. Jan 2025: Lecture 15	Wed., 22. Jan 2025: Tutorial 8
Tue., 28. Jan 2025: Tutorial 9	Wed., 29. Jan 2025: Tutorial 10
Tue., 04. Feb 2025: Tutorial 11	Wed., 05. Feb 2025: Tutorial 12
Tue., 11. Feb 2025: Lab Tour	Wed., 12. Feb 2025: Tutorial 13