

BOS.QT study program, Summer Semester 2024

Area 1: Fundamental Courses	Area 2: PhD Compact Courses	Area 3: Advanced Lectures	Area 4: Transferable Skills
Theoretische Optik IV, (dt.) TUB A. Knorr Thur. 8-12 am (lec) room ER 242, Tue. 4–6 pm (prac) r. EW731	Coherent quantum nanophotonics (en) Nir Rotenberg, (Queen’s University, CA) (in July 2025, tba)	Milestones of Quantum Technology II (dt/en), TUB J. Wolters, J. Meinecke, S. Ramelow (TU Berlin) Wed. 15:45 -17:15 pm (sem)	Workshop “Jobs after PhD & Networking” (tba)
Theory of Light Matter Interaction (en), FUB C. Koch Mon. 4 - 6 pm , Wed 8 – 10 am, r. 0.1.01, (lec)	ASML-Excursion (en) May 19, 2025	Quantum Theory of Fluctuation-induced Phenomena (dt/en), HUB, F. Intravaia, Tue. 11 am – 1 pm (lec), r. 3.101, 3 - 5pm (prac), r. 2.102	
Angewandte Physik II (dt.), TUB S. Reitzenstein Mon. 12 am-2 pm + Fri. 10-12 am (lec), Tue. 2-4 pm (prac), r. EW 561		Advanced Optical Sciences (en) HUB T. Schröder, M. Krutzik, S. Ramelow, S. Heeg Mon. 1-3 pm (sem), r 3.101 Mon. 11 am –1 pm, r. 1.202, (lec), Fri. 3-5pm, (prac), r. 1.202	
Quantenoptik (dt/en), HUB A. Rauschenbeutel Tue. 1 – 3 pm + Fri. 11-12 am (lec), r. 2.101		Quantum Information and Quantum Computers (dt/en), HUB O. Benson, A. Saenz Wed. 1 – 3 pm (lec), r. 2.101, Thur 12 am-1 pm (prac), r. 2.101	
Computational Photonics (dt/en), HUB K. Busch Thur 9-11 am (lec), Fri 10-11 am (prac), r. LCP 1.14		Quantum Information Science & Technology (dt/en), TUB T. Heindel Thur 10 am – 12 pm (lec), r. EW 431	
Festkörperspektroskopie: Grundlagen (dt/en), TU M. Gensch Thur 2 pm – 4 pm (lec) , r. EW 561		Quantum Information Theory, FUB J. Eisert Tue. 8 – 10 am (lec), r. 0.1.01, Thu. 12 am – 2 pm (prac), r. 1.1.53/ 1.4.03	
Theoret. Physik IV Statist. Physik (de), TUB A. Eckardt Wed 10-12 am + Fri 10-12 am (lec), r. EW 203		Quantensensorik für biomedizinische Anwendungen (dt), HUB Oliver Benson, Peter Krüger Mon. 11 am – 12 am, Wed. 11 am – 1 pm (lec), r. 1’10 Mon. 12 am – 1 pm (prac), r. 1’10	
Monthly Ph.D. Seminar (14.04., 23.06., 14.07.2025, 4pm-6pm)			
PhD Thesis			