

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 Physik IV, (dt.) TUB A. Knorr Thursday 8-10 am (lec), Wednesday 12-2 pm (prac)	Quantum Degenerate Gases (en) G. Valtolina Fritz Haber Institute, July 1 – 3, 2024 9 am – 1 pm	Intercontinental Seminar on Milestones of Quantum Technology II (dt/en), TUB J. Wolters, J.Meinecke (TU Berlin), joint with J. Longdell, H. Schwefel (University of Otago) Tuesday 8:15–9:45 a.m.	Workshop on Conflict Management (event at the retreat)
Röntgenphysik II (dt/en), TUB S. Eisebitt, B. Kanngießner Tuesesday 2 pm - 4 pm (lec)		Quantum Theory of Fluctuation-induced Phenomena (dt/en), HUB F. Intravaia, Wednesday 3-5pm (lec), Thursdays 3-5pm (prac)	
Angewandte Physik II (dt.), TUB S. Reitzenstein Monday 12 am-2 pm (lec), Friday 10-12 am (prac)		Advanced Optical Sciences (en) HUB T. Schröder, M. Krutzik, S. Ramelow, S. Heeg Monday 1-3m (sem) Monday 11am –1pm, Friday 3-5pm (lec/ prac)	
Quantenoptik (dt/en), HUB A. Rauschenbeutel Tuesday 1 – 3 pm (lec), Friday 12am-1pm (prac)		Quantum Information and Quantum Computers (dt/en), HUB A. Saenz Wednesday 1 – 3 pm (lec), Thursday 12am-1pm (prac)	
Computational Photonics (dt/en), HUB Thursday 9-11am (lec) K. Busch		Introduction to the theory of open quantum systems (en) HUB A. Schnell Monday 12 – 2 pm (lec), Tuesday 2 pm – 4 pm (prac)	
Festkörperspektroskopie: Grundlagen (dt/en), TUB M. Gensch Thursday 2 pm – 4 ppm (lec)		Quantum Error Correction (QEC), FUB P. Faist Monday 12 am – 2 pm (lec)	
Quantum Information Science & Technology (dt/en), TUB T. Heindel Thursday 10.30 am – 12 pm (lec)		Theoretische Quantenphysik fern des Gleichgewichts, TUB A. Eckardt, F. Petiziol Tuesday 12 am – 2 pm, Thursday 10 – 12 am (lec), Monday 8 am -10 am (prac)	
Monthly Ph.D. Seminar (22.04.24, 13.05.24, 10.06.24, 08.07.24, 4pm-6pm)			
PhD Thesis			