

Primary and Secondary AoS Quantum Information Science and Technology / Foundations of Quantum Technologies: Matter, Light and Information

Coordination: E. Bocquillon

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	hpw	CP	WS 23/24	SS24	WS 24/25	SS25	WS 25/26	SS26
Core Courses								
Quantum Information Theory	3+1	6		x	x		x	
Quantum Electronics and Qubits	3+1	6		x		x		x
Quantum Optics (U Bonn)	3+1	6	x		x		x	
Specialized courses								
Computational Many-Body Physics	3+1	6		x	x		x	
Topological Matter (and Quantum Computing)	2	3	x		x		x	
Platforms for Quantum Technologies	2	3	x		x		x	
Photons and Matter	2	3						
Selected Topics in Quantum Technologies	2/3+1	2/6						
Seminars								
Advanced Seminar	2	3						

x confirmed

(x) planned

Foundations of Quantum Technologies: Matter, Light and Information as Primary: 2 core courses; plus a further core course, specialized courses to sum-up to 18 CP

as Secondary: one core course; plus further core courses, specialized courses to sum-up to 12 CP