

Lectures MAOT WS 2011/12

Status: 26th July 2011

Optical Metrology	Optical Material and Systems	Computational Optics	Optical Material Processing	Optics in Communication	Optics in Medicine
Lectures					
Fröba: Dynamic Light Scattering, 5 CP	Scharrer/Zhuromsky/: Optical Materials and Systems II, 2.5 CP	Kollorz: Diagnostic Medical Image Processing, 5 CP	Laser technology, Alexeev, 5 CP	Schmauß: Advanced Optical Communication Systems, 5 CP	Kollorz: Diagnostic Medical Image Processing, 5 CP
Bräuer: Laserdiagnostics for Engineering Thermodynamics, 5 CP	Thoreson: Nanophotonics, 2.5 CP	Steidl: Pattern Recognition, 5 CP	Klämpfl/Schmidt: Photonics in Medical Engineering, 5 CP	Leuchs/Stobinska: Theoretical and experimental quantum optics, 5 CP	Klämpfl/Schmidt: Photonics in Medical Engineering, 5 CP
	Joly: C++ for optical problems, 5 CP	Joly: C++ for optical problems, 5 CP	Hohenstein: Sensor based supervision and control in laser machining, 2.5 CP	Bülow: Signal processing in optical communication systems , 2,5 CP	
	Erdmann: Optical Lithography, 5 CP ¹	Forman/ Grimm/ Hutter: Advanced Reconstruction Techniques, 5 CP ²	Erdmann: Optical Lithography, 5 CP	Haunstein: Optische Kommunikationsnetze / Optical Communication Networks, 2.5 CP ³	
	Pflaum: Solar Energy, 5 CP	Pflaum: Solar Energy, 5 CP	Hofmann: Lasersystemtechnik I, 2.5 CP ⁴		
Practical courses					
Schmitz: Lab course (2,5 CP)	Joly: Lab course (2,5 CP)			Lins: Lab course (2.5 CP)	

¹ will be 5 CP, although with 2.5 in Univis

² still to be confirmed, that it can be acknowledge for MAOT

³ teaching language depends on the majority of students in the first session

⁴ will be taught in English, although with German title in the Univis