

## Lectures MAOT WS 2012/13

Status: 08<sup>th</sup> October 2012

Optical Metrology	Optical Material and Systems	Computational Optics	Optical Material Processing	Optics in Communication	Optics in Medicine
<b>Lectures</b>					
Fröba: Dynamic Light Scattering, 5 CP	Zhuromsky: Simulation of Advanced Electromagnetic Materials, 2.5 CP	Maier: Diagnostic Medical Image Processing, 5 CP	Laser technology, Alexeev, 5 CP	Schmauß: Advanced Optical Communication Systems, 5 CP	Maier: Diagnostic Medical Image Processing, 5 CP
Peukert / Braunschweig: Product Analysis, 5 CP	Thoreson: Nanophotonics, 2.5 CP	Hornegger: Pattern Recognition, 5 CP	Klämpfl/Schmidt: Photonics in Medical Engineering, 5 CP	Bülow: Signal processing in optical communication systems, 2,5 CP	Klämpfl/Schmidt: Photonics in Medical Engineering, 5 CP
Friedrich: Optical Technologies in Life Science, 5 CP	Joly: C++ for optical problems, 5 CP	Joly: C++ for optical problems, 5 CP	Erdmann: Optical Lithography, 5 CP	Haunstein: Optical Communication Networks, 2.5 CP	Friedrich: Optical Technologies in Life Science, 5 CP
Häusler: Wave and Fourier Optics, 5CP	Erdmann: Optical Lithography, 5 CP	Pflaum: Solar Energy, 5 CP	Hohenstein: Sensor based supervision and control in laser machining, 5 CP	Ornigotti: Selected Examples of Semiclassical Optics, 2.5 CP	Douplik / Zaleev: Advanced Clinical and Biological Photonics, 2.5
Ornigotti: Selected Examples of Semiclassical, 2.5 CP	Ornigotti: Selected Examples of Semiclassical Optics, 2.5 CP		Ornigotti: Selected Examples of Semiclassical Optics, 2.5 CP	Häusler: Wave and Fourier Optics, 5 CP	
	Pflaum: Solar Energy, 5 CP		Häusler: Wave and Fourier Optics, 5CP	Götzinger: Quantum Optics, 5 CP	
	Götzinger: Quantum Optics, 5 CP		Götzinger: Quantum Optics, 5 CP	Marquardt: Quantum communication and information, 5 CP	
	Häusler: Wave and Fourier Optics, 5 CP		Hofmann: Lasersystemtechnik I, 2.5 CP		
<b>Practical courses</b>					
Heller: Lab course (2,5 CP)				Höher: Lab course (2.5 CP)	