

Last Update Juli 2018

Course Code	Lecture Title	Term	ECTS	Study Cycle	Link to Lecture Details on Institute Homepage
23447	Advanced Radio Communications I	Winter	4	Master	<a href="http://www.ihe.kit.edu/VorlesungenWS_859.php">http://www.ihe.kit.edu/VorlesungenWS_859.php</a>
23724	Adaptive Optics	Winter	3	Master	<a href="https://www.lti.kit.edu/4668.php">https://www.lti.kit.edu/4668.php</a>
23538	Advanced Radio Communications II	Summer	4	Master	<a href="http://www.cel.kit.edu/lehre_1532.php">http://www.cel.kit.edu/lehre_1532.php</a>
23742	Business Innovation in Optics and Photonic	Winter	4	Master	<a href="https://www.ibt.kit.edu/3513.php">https://www.ibt.kit.edu/3513.php</a>
23616	Communication Systems and Protocols	Summer	5	Master	<a href="https://www.itiv.kit.edu/60_1090.php">https://www.itiv.kit.edu/60_1090.php</a>
2309472	Digital Signal Processing in Optical Communications – with Practical Exercises	Summer	4	Master	<a href="https://www.ipq.kit.edu/lectures_DSPOC.php">https://www.ipq.kit.edu/lectures_DSPOC.php</a>
23399	Electric Power Generation and Power Grid	Winter	3	Master	<a href="http://www.ieh.kit.edu/2448_1976.php">http://www.ieh.kit.edu/2448_1976.php</a>
23376	Electric Power Transmission and Grid Control	Winter	6	Master	<a href="http://www.ieh.kit.edu/2448_2016.php">http://www.ieh.kit.edu/2448_2016.php</a>
23315	Electrical Machines	Summer	4	Master	<a href="http://www.eti.kit.edu/studium_pdf.php">http://www.eti.kit.edu/studium_pdf.php</a>
23263	Electromagnetics and Numerical Calculation of Fields	Winter	4	Master	<a href="https://www.ibt.kit.edu/encf.php">https://www.ibt.kit.edu/encf.php</a>
23687	Energy Storage and Network Integration	Winter	4	Master	<a href="http://www.ims.kit.edu/324_1666.php">http://www.ims.kit.edu/324_1666.php</a>
23466	Field Propagation and Coherence	Winter	4	Master	<a href="https://www.ipq.kit.edu/lectures_FPC.php">https://www.ipq.kit.edu/lectures_FPC.php</a>
23608	Hardware Modeling and Simulation	Summer	4	Master	<a href="https://www.itiv.kit.edu/english/60_1085.php">https://www.itiv.kit.edu/english/60_1085.php</a>
2183640	Laser Materials Processing	Winter	3	Master	<a href="https://www.iam.kit.edu/cms/english/2667_2701.php">https://www.iam.kit.edu/cms/english/2667_2701.php</a>
23478	Laser Metrology	Summer	3	Master	<a href="https://www.ipq.kit.edu/lectures_LM.php">https://www.ipq.kit.edu/lectures_LM.php</a>
23480	Laser Physics	Winter	4	Master	<a href="https://www.ipq.kit.edu/lectures_LP.php">https://www.ipq.kit.edu/lectures_LP.php</a>
23747	Light and Display Engineering	Winter	4	Master	<a href="http://www.lti.kit.edu/4668_7315.php">http://www.lti.kit.edu/4668_7315.php</a>
23751	Lighting Design - Theory and Applications	Winter	3	Master	<a href="https://www.lti.kit.edu/mitarbeiter_6431.php">https://www.lti.kit.edu/mitarbeiter_6431.php</a>

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23407	Mikrowellentechnik/Microwave Engineering	Summer	5	Master	<a href="http://www.ihe.kit.edu/VorlesungenSS_3206.php">http://www.ihe.kit.edu/VorlesungenSS_3206.php</a>
23430	Modern Radio Systems Engineering	Summer	4	Master	<a href="http://www.ihe.kit.edu/VorlesungenSS_3188.php">http://www.ihe.kit.edu/VorlesungenSS_3188.php</a>
23468	Nonlinear Optics	Summer	4	Master	<a href="https://www.ipq.kit.edu/lectures/NLO.php">https://www.ipq.kit.edu/lectures/NLO.php</a>
	Operation and Control of Future Integrated Energy Systems	Summer	6	Master	<a href="http://www.ieh.kit.edu/2440_2730.php">http://www.ieh.kit.edu/2440_2730.php</a>
23629	Optical Engineering	Winter	4	Master	<a href="http://www.itiv.kit.edu/60_1070.php">http://www.itiv.kit.edu/60_1070.php</a>
23470	Optical Networks and Systems	Winter	4	Master	<a href="https://www.ipq.kit.edu/lectures/ONS.php">https://www.ipq.kit.edu/lectures/ONS.php</a>
23292	Optical Systems in Medicine and Life Science	Winter	3	Master	<a href="https://www.ibt.kit.edu/3632.php">https://www.ibt.kit.edu/3632.php</a>
23460	Optical Transmitters and Receivers	Winter	4	Master	<a href="https://www.ipq.kit.edu/lectures/OTR.php">https://www.ipq.kit.edu/lectures/OTR.php</a>
23464	Optical Waveguides and Fibers	Winter	4	Master	<a href="https://www.ipq.kit.edu/lectures/OWF.php">https://www.ipq.kit.edu/lectures/OWF.php</a>
23183	Optimization of Dynamic Systems	Winter	5	Master	<a href="http://www.irs.kit.edu/2307.php">http://www.irs.kit.edu/2307.php</a>
23486	Optoelectronic Components	Summer	4	Master	<a href="https://www.ipq.kit.edu/lectures_ID-OC.php">https://www.ipq.kit.edu/lectures_ID-OC.php</a>
23709	Plastic Electronics / Polymerelektronik	Winter	3	Master	<a href="http://www.lti.kit.edu/4668_7298.php">http://www.lti.kit.edu/4668_7298.php</a>
23385	Power Electronics	Winter	3	Master	<a href="http://www.eti.kit.edu/studium_2515.php">http://www.eti.kit.edu/studium_2515.php</a>
23395	Pulsed Power Technology and Applications	Winter	8	Master	<a href="http://www.ihm.kit.edu/312693.php">http://www.ihm.kit.edu/312693.php</a>
23405	Radar Systems Engineering	Winter	3	Master	<a href="http://www.ihe.kit.edu/VorlesungenWS_805.php">http://www.ihe.kit.edu/VorlesungenWS_805.php</a>
23272	Radiation Protection	Summer	3	Master	<a href="https://www.ibt.kit.edu/3445.php">https://www.ibt.kit.edu/3445.php</a>
23680	Single-Photon Detectors	Winter	3	Master	<a href="https://www.ims.kit.edu/324_1706.php">https://www.ims.kit.edu/324_1706.php</a>
23745	Solar Energy	Winter	6	Master	<a href="http://www.lti.kit.edu/4668_7313.php">http://www.lti.kit.edu/4668_7313.php</a>
23448	Space-Born Microwave Radiometry - Advanced Methods and Applications	Summer	3	Master	<a href="http://www.ihe.kit.edu/VorlesungenSS_905.php">http://www.ihe.kit.edu/VorlesungenSS_905.php</a>

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23428	Spaceborne Radar Remote Sensing	Summer	6	Master	<a href="https://www.ihe.kit.edu/VorlesungenSS_892.php">https://www.ihe.kit.edu/VorlesungenSS_892.php</a>
23682	Superconducting Materials for Energy Application	Summer	4	Master	<a href="http://www.ims.kit.edu/327_1357.php">http://www.ims.kit.edu/327_1357.php</a>
23605	Systems and Software Engineering	Winter	5	Master	<a href="http://www.itiv.kit.edu/60_1063.php">http://www.itiv.kit.edu/60_1063.php</a>
23642	Systems Engineering for Automotive Electronics	Winter	4	Master	<a href="https://www.itiv.kit.edu/english/60_1120.php">https://www.itiv.kit.edu/english/60_1120.php</a>
23670	Thin films: technology, physics and applications	Summer	3	Master	<a href="http://www.ims.kit.edu/327_1694.php">http://www.ims.kit.edu/327_1694.php</a>
23671	Thin films: technology, physics and applications II	Winter	3	Master	<a href="https://www.ims.kit.edu/324_1774.php">https://www.ims.kit.edu/324_1774.php</a>