

Neue Module/new modules Sommersemester 2022

Master Elektrotechnik und Informationstechnik:

Modul ID	Modulbezeichnung	Sem	ECTS	Lehrform V/Ü/P V/Ü/P/S	Fak./LS/ Prof.
<u>WAHLMODULE</u>					
EI71105	Advanced Topics in IoT Security	SS	5	0/0/0/3	ESI
EI71101	Computational Methods für Nanoelectronics: Quantum Models	SS	5	2/2/0	SNE
EI71104	Embedded System Design for Machine Learning	WS/SS	6	2/1/3	EDA
EI71097	Flow Lithography	WS/SS	5	2/2/0	MML
EI71107	Intelligente Verfahren in der Elektromobilität	SS	5	3/1/0	MMK
EI71099	Introduction to Human and Robotic Hand Grasping: Control and Manipulation	SS	6	2/2/2	RSI
EI71102	Materials in Neuroengineering	SS	5	3/1/0	NEN
EI71098	Optimal Control and Reinforcement Learning for Robotics (Seminar)	WS/SS	5	0/0/0/2	RSI
EI71096	Physical Layer Models for Quantum Communications	WS/SS	5	2/2/0	LTI
EI71103	Post Shannon Theory	SS	5	2/2/0	LNT
<u>PRAKTIKA</u>					
EI78072	Advanced Microfluidics Simulations	WS/SS	5	0/0/4	MML
EI78073	Intelligent Machine Design Lab-Product Prototype Development	SS	5	0/0/5	RSI
EI78074	Intelligent Machine Programming Lab	WS/SS	6	1/0/5	RSI
EI78079	Laboratory on system design for high-frequency and high-datarate applications	SS	5	0/0/4	MNT
EI78080	Praktikum Entwurf Integrierter Analog- und Mixed-Signal-Schaltungen	SS	5	0/0/4	MNT
EI78075	Projektpraktikum Human Activity Understanding	SS	6	0/0/5	LMT

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<u>SEMINARE</u>					
E177692	Seminar Mikro- und Nanosystemtechnik	SS	5	0/0/0/3	MNT
E177693	Seminar Neuroengineering Materials	WS/SS	5	0/0/0/3	NEN