

## Timetable 3rd semester (winter term 20/21)

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday
1 DS 7:30 - 9:00			<b>E: Nanoelectronic Systems Design Student Conference</b> Fettweis NES-12 ASW-14.1 Academic and Scientific Work (online)	<b>E: Molecular Electronics</b> Cuniberti/Moresco NES-13 14 02-14.1 Molecular Electronics (online)	<b>L: Integrated Circuits for Broadband Optical Communications</b> Ellinger NES-12 08 04-14.1 Integrated Circuits for Broadband Optical Communications (online)
2 DS 9:20 - 10:50	<p><b>L: Quantum and Solid State Physics</b> Helm/Biele NES-02 04 01 Quantum Mechanics for Nanoelectronics (online)</p> <p><b>E: Future Computing Strategies in Nanoelectronic Systems</b> Tetzlaff/Ascoli NES-12 08 01-20.1 Future Computing Strategies in Nanoelectronic Systems (tba)</p>	<p><b>E: Introduction to Optical Non-classical Computing: Concepts and Devices</b> Jamshidi NES-12 10 08 Introduction to Optical Non-classical Computing: Concepts and Devices (online)</p> <p><b>E: Distributed Systems</b> Schill NES-11 06 07-14.1 Ubiquitous Information Systems (online)</p>	<p><b>E: Innovative Semiconductor Devices</b> Mikolajick NES-12 12 07-14.1 Innovative Semiconductor Devices SCH/A252/U (hybrid)</p> <p><b>E: Electromechanical Networks</b> Marschner NES-12 12 04-14.1 Electromechanical Networks (Face-to-face teaching)</p> <p><b>E: Communication Networks - Actual Topics Problem based learning</b> Fitzek NES-12 10 20 Communication Networks 3 (online)</p>	<p><b>L: Electromechanical Networks</b> Marschner NES-12 12 04-14.1 Electromechanical Networks (Face-to-face teaching)</p>	<p><b>L: Optoelectronic Devices and Systems</b> Lakner NES-12 12 05-14.1 Optoelectronics (online)</p> <p><b>E: Integrated Circuits for Broadband Optical Communications</b> Ellinger NES-12 08 04-14.1 Integrated Circuits for Broadband Optical Communications (online)</p>
3 DS 11:10 - 12:40	<b>L: Micro-/Nanomaterials and Reliability Aspects</b> Panchenko NES-12 06 01-14.1 Materials for the 3D System Integration (online)	<p><b>E: Academic and Scientific Work Paper Reading Group</b> Mikolajick NES-12 ASW-14.1 Academic and Scientific Work BAR/0213/H</p> <p><b>E: Academic and Scientific Writing</b> Jamshidi NES-12 ASW-14.1 Academic and Scientific Work (online)</p>	<p><b>L: Molecular Electronics</b> Cuniberti/Moresco NES-13 14 02-14.1 Molecular Electronics (online)</p> <p><b>L: Communication Networks 3</b> Fitzek NES-12 10 20 Communication Networks 3 1st week! (online)</p> <p><b>L: Communication Networks - Actual Topics Problem based learning</b> Fitzek NES-12 10 20 Communication Networks 3 2nd week! (online)</p>	<p><b>L: Quantum and Solid State Physics</b> Helm NES-02 04 01 Quantum Mechanics for Nanoelectronics (online)</p> <p><b>L: Future Computing Strategies in Nanoelectronic Systems</b> Tetzlaff/Ascoli NES-12 08 01-20.1 Future Computing Strategies in Nanoelectronic Systems (tba)</p>	<b>E: Optoelectronic Devices and Systems</b> Lakner NES-12 12 05-14.1 Optoelectronics (online)
4 DS 13:00 - 14:30	<b>L: Nanooptics</b> Eng NES-12 12 05-14.1 Optoelectronics REC/B214/H	<b>P: Hardware/Software Codesign Lab</b> Matuš NES-12 10 04-14.1 Hardware/Software Codesign Lab BAR/186C/U (hybrid)	<p><b>L: Memory Technology 2</b> Mikolajick NES-12 12 03-14.1 Memory Technology GER/0039/U (hybrid)</p>	<b>L: Mobile Communication and mobile computing</b> Schill NES-11 06 07-14.1 Ubiquitous Information Systems (online)	<b>P: Micro-/Nanomaterials and Reliability Aspects</b> Panchenko NES-12 06 01-14.1 Materials for the 3D System Integration (online)
5 DS 14:50 - 16:20		<p><b>L: Semiconductor Quantum Structures</b> Helm NES-02 04 01 Quantum Mechanics for Nanoelectronics REC/D016/U (online)</p> <p><b>P: Integrated Circuits for Broadband Optical Communications</b> Ellinger NES-12 08 04-14.1 Integrated Circuits for Broadband Optical Communications (online)</p> <p><b>L: Communication Networks 3</b> Fitzek NES-12 10 20 Communication Networks 3 (online)</p> <p><b>E: Hardware Modelling and Simulation</b> Göhringer NES-11 20 20 Hardware Modelling and Simulation (online)</p>	<p><b>L: Introduction to Optical Non-classical Computing: Concepts and Devices</b> Jamshidi NES-12 10 08 Introduction to Optical Non-classical Computing: Concepts and Devices (online)</p>	<p><b>L: Introduction to Optical Non-classical Computing: Concepts and Devices</b> Jamshidi NES-12 10 08 Introduction to Optical Non-classical Computing: Concepts and Devices (online)</p> <p><b>L: Distributed Systems</b> Schill NES-11 06 07-14.1 Ubiquitous Information Systems (online)</p>	<b>P: Micro-/Nanomaterials and Reliability Aspects</b> Panchenko NES-12 06 01-14.1 Materials for the 3D System Integration (online)
6 DS 16:40 - 18:10	<b>L: Hardware Modelling and Simulation</b> Göhringer NES-11 20 20 Hardware Modelling and Simulation (online)	<p><b>E: Academic and Scientific Work Paper Reading Group</b> Mikolajick NES-12 ASW-14.1 Academic and Scientific Work BAR/0213/H</p> <p><b>E: Academic and Scientific Writing</b> Jamshidi NES-12 ASW-14.1 Academic and Scientific Work (online)</p>	<p><b>L: Memory Technology 2</b> Mikolajick NES-12 12 03-14.1 Memory Technology GER/0039/U (hybrid)</p>	<b>L: Innovative Semiconductor Devices</b> Mikolajick NES-12 12 07-14.1 Innovative Semiconductor Devices SCH/A252/U	
7 DS 18:30 - 20:00	<p><b>L: Reliability Engineering and Kinetics of Degradation Processes in Advanced Electronics</b> Zschech NES-12 12 06-14.1 Semiconductor Industry Challenges: Market Dynamics - Technology Innovations - Yield and Reliability Engineering BAR/0218/U (tba)</p>				

L = Lecture  
E = Exercise  
P = Practical Lab Course

**Mandatory courses in red!**

Focus: Technology Design Application

1st week = odd week  
2nd week = even week

Date: 28th August 2019