

| Summer semester 2025: Master QTEC |          |   |      |                     |                |   |      |                          |                |   |      |          |              |   |        |                   |            |  |      |           |               |
|-----------------------------------|----------|---|------|---------------------|----------------|---|------|--------------------------|----------------|---|------|----------|--------------|---|--------|-------------------|------------|--|------|-----------|---------------|
|                                   | Monday   |   |      |                     | Tuesday        |   |      |                          | Wednesday      |   |      |          | Thursday     |   |        |                   | Friday     |  |      |           |               |
|                                   | Lecturer | Course  | Type | Location            | Lecturer       | Course  | Type | Location                 | Lecturer       | Course  | Type | Location | Lecturer     | Course  | Type   | Location          | Lecturer   | Course   | Type | Location  |               |
| 08:00 - 09:30                     |          |   |      |                     | TBA            | Mathematical Foundations of Information Theory and Coding Theory (1296622103) | L/E  | TBA                      | TBA            | Mathematical Foundations of Information Theory and Coding Theory (1296622103) | L/E  | TBA      | Dobrovolskiy | Nanoelectronics (2411011) (9:00-9:45) (notes/script available in English) | E      | Inst. R. 518      | Waag       | Semiconductor Technology (2413023)             | L    | HS 66.919 | 08:00 - 09:30 |
| 09:45 - 11:15                     |          |   |      |                     |                |   |      |                          |                |   |      |          | Dobrovolskiy | Nanoelectronics (2411010) (9:00-9:45) (notes/script available in English) | L      | Inst. R. 518      | Waag       | Semiconductor Technology (-10:30) (2413024)    | E    | HS 66.919 | 09:45 - 11:15 |
| 11:30 - 13:00                     | Kowalsky | Quantum Structure Devices (12:30-15:00) (2415022) | L    | Campus Nord         | Deppe          | Network Information Theory (2424116)  | E    | SN 22.2 (bi-weekly)      | Deppe          | Network Information Theory (2424115)  | L    | SN 22.2  | Voß          | Molecular Electronics (2413057)   | L      | LENA 003          | Menzel     | Physical Fundamentals of Spintronics (1511094) | L    | MS 3.3    | 11:30 - 13:00 |
|                                   |          |   |      |                     |                |   |      |                          |                |   |      |          | Issakov      | RF CMOS IC Design (2420033)   | E/ Lab | HS 66.3           |            | Introduction to Quantum Information Theory     | VÜ   | UP 2.315  |               |
| 13:15 - 14:45                     | Kowalsky | Quantum Structure Devices (12:30-15:00) (2415023) | E    | Campus Nord         | Deppe          | Quantum Communication Networks (2424000032)                                   | L    | SN 22.2                  | Kroker         | Fundamentals of Nano Optics (2413092)   | L    | HS 66.3  | Voß          | Molecular Electronics (-14:00) (2413058)                                  | E      | LENA 003          |            |  |      |           | 13:15 - 14:45 |
|                                   | Deppe    | Quantum Communication Networks (2424000033)       | E    | SN 22.2 (bi-weekly) | Süllow         | Superconductivity (1511029)   | L    | MS 3.3                   | Issakov        | RF CMOS IC Design (2420035)   | L    | HS 66.1  | Kürner       | Coding Theory (2424025)   | L      | SN 22.1           |            |  |      |           |               |
| 15:00 - 16:30                     |          | Introduction to Quantum Information Theory        | VÜ   | UP 2.315            | Kürner, Hamada | Computational Experiments in Coding Theory (15:00-18:00) (2424093)            | Lab  | CIP-Pool IfN (bi-weekly) | Kroker         | Fundamentals of Nano Optics (2413093)   | E    | HS 66.3  | Exner        | Statistics, Design of Experiments, Optimization (2415083)                 | E      | Inst. R. 114      |            |  |      |           | 15:00 - 16:30 |
|                                   |          |   |      |                     |                |   |      |                          | Kürner, Hamada | Coding Theory (2424026)   | L    | SN 22.1  | Spieker      | Seminar EMC (15:45-17:15) (2419018)                                       | S      | Seminar room/Inst |            |  |      |           |               |
| 16:45 - 18:15                     |          |   |      |                     | Kürner, Hamada | Computational Experiments in Coding Theory (15:00-18:00) (2424093)            | Lab  | CIP-Pool IfN (bi-weekly) |                |   |      |          | Exner        | Statistics, Design of Experiments, Optimization (-17:30) (2415084)        | L      | Inst. R. 114      |            |  |      |           | 16:45 - 18:15 |
|                                   |          |   |      |                     |                |   |      |                          |                |   |      |          | Spieker      | Seminar EMC (15:45-17:15) (2419018)                                       | S      | Seminar room/Inst |            |  |      |           |               |
| 18:30 - 20:00                     |          |   |      |                     |                |   |      |                          |                |   |      |          |              |   |        |                   | Compulsory |  |      |           | 18:30 - 20:00 |
|                                   |          |   |      |                     |                |   |      |                          |                |   |      |          |              |   |        |                   | Elective   |  |      |           |               |

**To be announced :**

"Electromagnetic field theory: classical and quantum mechanical applications" / Voss (2413000022/3, compact course in September 2025) - COMPULSORY!

- Exercise "Superconductivity" (1511032) / Süllow

- Exercise "Physical Fundamentals of Spintronics" (1511147) / Menzel