

Seminar: Optics & Photonics WiSe 2019

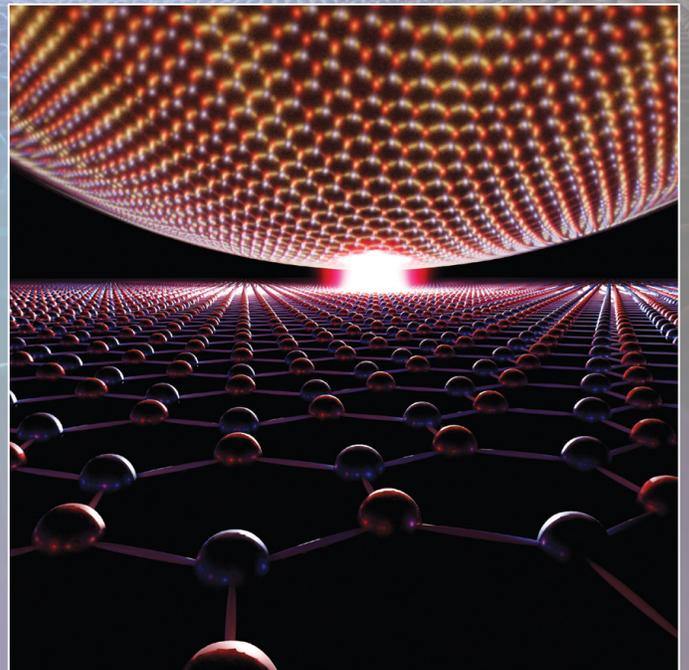
Hot Topics in Theory and Experiment

In this seminar, we introduce and discuss modern concepts in optics and photonics. Each talk will focus on a recently published research highlight. All presentations are in English, but we allow for German as exception as well. The seminar is part of the Optik-Spezialisierungsmodul P24.4.c Optik/Photonik and P32 Advanced Optical Sciences.

Time and date: Mondays 3-5 p.m. in NEW 15, 1'202.

Seminar topics are within the areas:

- Quantum Optics
- Fundamentals of Light-Matter-Interaction
- Ultra-fast Phenomena and Spectroscopy
- Attosecond Physics
- Quantum Information
- Quantum Sensing
- Optical Precision Experiments
- Laser Cooling & Atom Optics
- Numerical Approaches
- Theoretical Nano-Optics
- Novel Light Sources
- Quantum Optomechanics
- Non-linear Optics
- Coherent Phenomena



The first meeting with introduction of specific topics and distribution of the presentations is on Monday, 21 October, at 15:15 in NEW 15, 1'202.