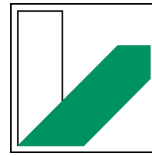


# Physikalisches Kolloquium



UNIVERSITÄT  
BAYREUTH  
Physikalisches Institut

## Ultrafast Nanooptics

**Prof. Dr. Markus Lippitz, UBT**

Plasmonic waveguides offer a unique way to confine light far below the diffraction limit, thereby enhancing the efficiency of light-matter interactions. They operate much like an antenna. I will demonstrate applications of this concept in nonlinear spectroscopy of single nanoscale objects, such as molecules, proteins, and nanocrystals.

**Dienstag, 16. Juni 2026 | 17 Uhr s.t. | Hörsaal H15 (NW I)**

