



Postdoctoral Positions in Nano Bio Physics

**Max Planck Institute for the Science of Light and
Max-Planck-Zentrum für Physik und Medizin**

We are looking for highly skilled hands-on physicists, physical chemists, biochemists, and biologists for conducting paradigm-shifting interdisciplinary research at the cross roads of experimental nanophysics and life sciences. We have a strong tradition in developing novel methods for performing controlled and quantitative measurements down to the single molecule level. Our current research builds on several international collaborations to address important fundamental questions concerning the structure and dynamics of proteins and protein aggregates, nanoscopic dynamics of the cell constituents as well as virus-cell interactions and life cycle.

You will be working in cutting-edge laboratories with access to facilities such as nanofabrication and lab-on-chip cleanrooms, microscopy centers, mechanical and electronics workshops, high-performance computing, cell culture infrastructure, biosafety level II labs as well as various research facilities at the university hospital in Erlangen. We are embedded in the vibrant interdisciplinary environment of the newly established **Max-Planck-Zentrum für Physik und Medizin**. In addition, you will be in regular exchange with other members of the group who work on quantum nano-optics projects. More insight into our research and performance can be found at www.mpl.mpg.de.

We welcome applications from **physical scientists** with experience in *precision spectroscopy*, *scanning probe microscopy*, *microfluidics* and *super-resolution microscopy* as well as **life scientists** who lean towards physical approaches. Applications (curriculum vitae, list of publications and a letter of motivation) should be sent to sandoghdar-office@mpl.mpg.de. Please also arrange for two letters of recommendation to be sent directly to this address. We will have several open positions and will accept applications throughout 2023.

Max Planck Society strives for gender and diversity equality. We welcome applications from all backgrounds. Max Planck Society is committed to increasing the number of individuals with disabilities in its workforce and therefore encourages applications from such qualified individuals.



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