



The group of Stefan W. Hell invites applications for a

Postdoctoral Position / Optional Scientific Reference

**- Advances at the Forefront of Molecular Imaging -
(Code Number 19-19)**

New concepts have radically overcome the longstanding limits to optical analysis of molecular systems. Optical resolutions of a few nanometers have been demonstrated, well beyond Abbe's diffraction limit, for example with the recent MINFLUX concept (Science 355, 606-612 (2017)). This opens up entirely new experimental opportunities, breaking new ground in the study of macromolecules and beyond.

The successful candidate will develop advanced optical instrumentation to push MINFLUX and related novel concepts to new levels of performance. The candidate should be highly motivated and prepared to work within a multidisciplinary team. Applicants should hold a PhD or equivalent degree in the field of physics, optical engineering or physical chemistry.

Depending on individual preference, part of the work time can also be used to support science-administrative tasks and other scientific activities of the director in a reference function. A high degree of initiative, flexibility and dependability, as well as an ability for comprehensive analysis and strategic understanding, are required. This job allows to qualify both for a scientific career and for a career in science administration.

The payment and benefits are based on the TVöD guidelines. The position is initially for two years with a possibility of extension.

The Max Planck Society is committed to increasing the number of individuals with disabilities in its workforce and therefore encourages applications from such qualified individuals.

Please submit your application, including a cover letter (explaining background and motivation), your CV and complete transcripts preferably via e-mail as a single PDF file with reference to the code number **until September 30, 2019** to

ausschreibung19-19@mpibpc.mpg.de

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