

The University of Siegen is an innovative and interdisciplinary university with some 20.000 students and 1.300 employees, including 700 researchers. It offers an excellent study and research environment encompassing humanities and social sciences, economics, natural sciences and engineering as well as numerous interdisciplinary research projects. The University of Siegen offers several possibilities to arrange job and family life. Therefore it has been certified as a family friendly university and it offers a dual career service.

The Laboratory of Nano Optics at the Physics Department, Faculty of Science and Technology, aims to fill an open position with

1 postdoctoral research assistant (f/m)
(100% position, salary scale 13 TV-L)

in a fixed term contract, initially for one year with possible extension, based on the Act on Temporary Employment in Higher Education. The terms of employment are according to German law (Wissenschaftszeitvertragsgesetz).

The postdoctoral assistant will initiate a collaborative work between the Laboratory of Nano-Optics and the Laboratory of Physical Chemistry at the University of Siegen to design a bioassay in combination with a planar optical antenna and to validate the physical and biochemical detection limits of the approach. See for example our recent publications on the subject, S. Checcucci, *et al.*, *Light: Sci. & Appl.* 6, e16245 (2017).

The candidate should be familiar with at least one of the two areas involved in the project, i.e. single-molecule spectroscopy and biointerfaces, and be interested in interdisciplinary work. The person will also be connected to a starting ERA-NET Project on Photonic Sensing, with partners from Germany and Italy.

Candidates must hold a PhD in physics, physical chemistry, chemistry, electrical engineering or in a similar field. We expect solid English skills.

This position falls in the obligations of scientific wide qualification. Such opportunity is given within the scope of the official duties.

The University of Siegen is an equal-opportunity employer and is committed to increasing the number of women involved in research and teaching. We encourage qualified women to apply. The University of Siegen offers excellent opportunities to combine career and family. The University welcomes applications from disabled people.

For further information please contact Prof. Dr. Mario Agio at mario.agio@uni-siegen.de or Prof. Dr. Holger Schönherr at holger.schoenherr@uni-siegen.de

Applications including a full CV, list of publications, certificates, and a cover letter under information of the advertising identity figure **2018/ IV/Physik/WM/18** should be addressed to Professor Dr. Mario Agio, Universität Siegen, Laboratory of Nano-Optics, Walter-Flex-Str. 3, 57072 Siegen. Closing date for applications is March 8th, 2018.

For additional information about the University of Siegen and our research activities visit www.uni-siegen.de or www.physik.uni-siegen.de/nano-optics/ and www.chemie-biologie.uni-siegen.de/pc/hs/