



## The IOP– Humboldt Postdoctoral Fellowship in Physics

Nominations are open for postdoctoral fellowships between two cities, **Berlin** and **Beijing**, as part of a joint physics program between the **Integrative Research Institute for the Sciences** (IRIS Adlershof) of **Humboldt-Universität zu Berlin** (HU Berlin) and the **Institute of Physics, Chinese Academy of Sciences**, (IOP) Beijing.

### FELLOWSHIP PROGRAM

The prestigious two-year research fellowships are intended for exceptional early-career scientists, in preparation for an independent career in research at the frontier of condensed matter physics, quantum materials or device physics. Successful candidates will spend one year in Berlin and one in Beijing at the research groups of their choice, supported by up to 4,500 EUR/month.

The selected fellows will be appointed from April 2021 onwards. A first networking event is programmed in Berlin. Fellows will work at the Campus Adlershof of HU Berlin and the IOP Zhongguancun Beijing Campus. The fellows have the possibility to visit and interact with associated Partners at the Max Born Institute, the Helmholtz-Zentrum Berlin and its Electron Storage Ring BESSY II, the Freie Universität Berlin or at the Leibniz-Institut für Kristallzüchtung.

The initial call includes the following topics and participating groups:

**Condensed Matter Theory** Prof. Claudia Draxl, Prof. Sheng Meng, Prof. Hongming Weng, Prof. Chen Fang, Prof. Jiangping Hu, Prof. Zhong Fang, Prof. Tao Xiang

**Ultrafast Laser Spectroscopy** Prof. Zhiyi Wei, Prof. Jianing Chen

**Photoemission Spectroscopy and Surface Science** Prof. Norbert Koch, Prof. Tian Qian, Prof. Xingjiang Zhou, Prof. Jiandong Guo

**Optoelectronic Devices and Quantum Transport** Prof. Emil List-Kratochvil, Prof. Thomas Schröder, Prof. Guangyu Zhang, Prof. Yongqing Li

**Scanning Probe Microscopy** Prof. Jürgen P. Rabe, Prof. Carlos-Andres Palma, Prof. Kui Jin, Prof. Shuheng Pan, Prof. Hongjun Gao

**Quantum Information** Prof. Oliver Benson, Prof. Tao Xiang, Prof. Li Lu, Prof. Heng Fan

**Electron Microscopy** Prof. Christoph T. Koch, Prof. Xuedong Bai

A full list of participating IOP groups can be found at the IOP website.

<http://english.iop.cas.cn/>

## **ELIGIBILITY CRITERIA**

Commitment to a one-year research stay at IOP followed by a further year at IRIS Adlershof, HU Berlin. Special cases committing to one-year at IRIS Adlershof followed by a further year at IOP will be considered.

A PhD degree in physics, chemistry, mathematics, or materials, obtained no more than five years prior to the application deadline.

Previous international experience, such as conference talks, research stays abroad and so on.

## **HOW TO APPLY**

Applicants should send their CV and one publication (in **PDF** format), along with a cover letter and three reference letters to: **fellowships@physik.hu-berlin.de**. Only candidates specifying two or more preferred host research groups in Berlin and Beijing will be considered.

Closing date: **February 28, 2021**.

## **DECISION**

Decision will be made by a joint committee from IOP and HU Berlin. The decision announcements will be sent from April 2021 onwards.

The HU Berlin and IOP specifically encourage qualified female scholars to apply.