



The Max Planck Harvard Research Center for Quantum Optics

invites applications for
two-year Postdoctoral Fellowships
in Quantum Optics

About

In order to expand on their research in the interdisciplinary field of quantum science and to promote the career of excellent young scientists, the **Max Planck Institute of Quantum Optics (MPQ)** and the **Harvard Quantum Optics Center (HQOC)** founded the **Max Planck Harvard Research Center for Quantum Optics (MPHQ)**. In the framework of this world-class cooperation, research and educational activities take place in fundamental and applied fields in the quantum realm including sensing, metrology, control, chemistry, many-body systems, and information science. Please find further information at <http://www.mph-quantum.mpg.de/> and <https://mphq.physics.harvard.edu/>

Your Qualifications

MPHQ is looking for excellent candidates for two-year **Postdoctoral Fellowships** based at the **Max Planck Institute of Quantum Optics** or the **Harvard Quantum Optics Center**. Successful candidates will have the opportunity to take advantage of the unique cooperation including a joint postdoc mentoring scheme and frequent opportunities for exchange between the two institutions. In addition to that, fellowships highly encourage the development of joint research projects. Applications should address one of the following scientific core areas: Quantum Simulation; Quantum Phases of Matter; Quantum Information Science; Quantum Sensing and Metrology; Quantum Networks; Quantum Dynamics and Ultracold Quantum Chemistry.

Application Requirements

Applicants should have completed their PhD no more than three years before starting the fellowship. The starting date of the fellowships is flexible and should be within one year after application. To apply, please submit a curriculum vitae, transcripts, a list of publications, a brief description of your research interests (1000 characters max.) and a description of your scientific goals for the fellowship (5000 characters max.). Applicants are also asked to arrange for at least two letters of reference.

Applications for **Postdoctoral Fellowships** based at the **Max Planck Institute of Quantum Optics** have to be submitted at https://s-lotus.gwdg.de/mpg/mggo/mpqharvard_2018.nsf/application



To apply at the **Harvard Quantum Optics Center** please visit

<https://academicjobsonline.org/ajo/Harvard>

Deadline for applications and all required documents is **30 November 2018 (deadline extended until 10 December 2018)**.

All applications will be considered together and will be jointly evaluated by PIs at both institutions.

MPQ and Harvard University are equal opportunity employers and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability status, protected veteran status, or any other characteristic protected by law.

In case of further questions, please contact Mrs Bianca Lenhard (mphq@mpq.mpg.de) for further details.

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