Job posting

Type of position
☐ scientific
☐ administrative

Target group
☐ graduates
☒ post docs
☐ other

Title
Two-year Postdoctoral Fellowships in Quantum Optics

Institution
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 University Department of Physics 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.mpq-quantum.mpg.de/

Position
Postdoc position.

Responsibilities
MPHQ is looking for excellent candidates for two-year Postdoctoral Fellowships based at the Max Planck Institute of Quantum Optics or the Harvard University Department of Physics. 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.

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://lotus2.gwdg.de/mpg/mgqo/mpqharvard_2020.nsf/application

Deadline for applications and all required documents is 30 December 2020.

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. Miriam Lorenz (miriam.lorenz@vw.mpq.mpg.de) for further details.
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