

Department of Applied Physics, School of Science, Xi'an jiaotong University, and Department of Physics and Astronomy, George Mason University

Position ID: Xi'an jiaotong University-Department of Applied Physics, School of Science-POSTDOC [#9276]
Position Title: Joint XJTU-GMU postdoctoral position in theoretical cold atoms and condensed matter physics
Position Type: Postdoctoral
Position Location: Xian, Shaanxi 710049, China [map]
Subject Area: Physics / Condensed Matter Theory
Appl Deadline: none (posted 2017/06/19)
Position Description: [Apply](#)



We invite application for one or two joint postdoctoral appointments. The successful candidate will carry out theoretical study of many-body systems with a focus on cold atomic gases. Examples research topics include strongly correlated atomic gases, superfluids, dipolar gases, and topological phases of matter. The candidate is expected to have a strong background in many-body physics, familiar with either analytical or numerical techniques. Research experience in many-body physics and/or quantum gases is preferred.

This joint position will be mainly based at Xi'an Jiaotong University in China. The candidate will be invited to visit George Mason University (GMU) for 6-8 months within the initial appointment. A competitive annual salary commensurate with experience and traveling stipend will be offered. Additional stipends from GMU will be provided to compensate the local expenses during the visits. The starting date can be as early as Fall 2017. The initial appointment will be two years, and renewable afterward subject to funding availability and mutual agreement.

Applicants should submit a CV, a list of publications, a statement of research interest, and have three letters of reference directly sent, all by email to Prof. Bo Liu (Xi'an Jiaotong University, liubophy@xjtu.edu.cn) or Prof. Erhai Zhao (George Mason University, ezhao2@gmu.edu). Informal inquiries are also welcome. Application review will start immediately. The position will remain open until filled. Additional information about our research is available at <http://gr.xjtu.edu.cn/web/liubophy/home> and <http://ezhao.spacs.gmu.edu/>.

Application Materials Required:

Submit the following items online at this website to complete your application:

- Cover Letter
- Curriculum Vitae
- Research Statement
- Publication List
- Three Reference Letters (to be submitted by the reference writers at this site [?](#))

And anything else requested in the position description.

Further Info:

Prof. Bo Liu (Xi'an Jiaotong University)

email: liubophy@xjtu.edu.cn

website: <http://gr.xjtu.edu.cn/web/liubophy/home>

Prof. Erhai Zhao (George Mason University)

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