

Postdoc Position in Theoretical Condensed Matter and Cold Atom Physics

University of Pittsburgh and George Mason University

We invite applications for a postdoctoral appointment. The area is broadly defined in the theory of quantum matter. Preference will be given to those interested in the interface of Condensed Matter and Cold Atom Physics. The candidate should have a strong background in many-body physics, for example, field-theoretical methods or numerical many-body techniques. Research experience in ultracold quantum gases or open quantum systems will be a plus. The appointment will be based at the University of Pittsburgh for the first year, and at George Mason University for the second year, with a third year extension possible based on performance and funding availability. The start date is targeted at Fall 2023 but can be flexible by mutual agreement. It is supported by university research initiative funds as well as by the combination of independent and joint grants provided by NSF, AFOSR, ARO, and MURI at the two institutions. The successful candidates should benefit from the freedom of collaborating with either group.

Applicants should submit a statement of research interest, a CV, and a list of publications and arrange for three letters of reference to be sent **by email to either** Professor W. Vincent Liu (University of Pittsburgh, wvliu@pitt.edu) or Professor Erhai Zhao (George Mason University, ezhao2@gmu.edu). Informal inquiries are also welcome. The job will remain open until filled, but to receive full consideration, candidates should apply before **Sept. 15, 2023**. Additional information about our research is available at <http://liu.phyast.pitt.edu/> and <http://ezhao.physics.gmu.edu/>.

The University of Pittsburgh and George Mason University are each an Equal Opportunity/Affirmative Action Employer.