

Post-Doctoral Position in
Theoretical/Computational Atomic, Molecular, and Optical Physics
Drake University

A post-doctoral position in theoretical/computational AMO physics is available at Drake University. The appointment will be made on an annual basis, **beginning on or after November 1, 2018**. The position may be extended depending on performance and continued external funding. The successful candidate is expected to perform calculations for photon and electron collisions with complex atoms and ions, as well as small molecules. Particular emphasis will be placed on the treatment of time-dependent, short-pulse, intense-laser processes. Substantial supercomputer resources are expected to be available for the project, and thus working with massively parallel computing architectures will be a substantial part of the work.

The successful candidate may also have the opportunity to build a teaching record by giving up to one course per year to undergraduate students majoring in physics and/or astronomy. Hence, excellent written and oral communication skills in English are required. Applicants interested in teaching should have at least one year of experience teaching in the classroom and should include a statement of teaching interests and philosophy with their application.

Review of applications will begin on Oct. 15, 2018 and will continue until the position is filled. Drake University requires a formal application to be submitted through their HireTouch site:

<https://drake.hiretouch.com/job-details?jobID=51138&job=research-scholar-889888>

In addition, applicants should send a current C.V., including the names of three references, and a statement of their own research goals, by Oct. 15, 2018, directly to

Prof. Klaus Bartschat (klaus.bartschat@drake.edu)

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<http://bartschat.drake.edu/klaus.html>

Drake University is an Equal Opportunity Employer. For more information about working at Drake, see <http://www.drake.edu/hr/>