

From: **Daniel Wolf Savin** <savin@astro.columbia.edu>

Date: Fri, Apr 22, 2016 at 12:15 PM

Subject: [LAD List] Postdoc position in experimental molecular physics/physical chemistry

To: LADlist@aas.org

Columbia University Astrophysics Laboratory invites applications for a Postdoctoral Research Scientist position in Experimental Molecular Physics/Physical Chemistry. The successful candidate will join the group headed by Senior Research Scientist Dr. Daniel Wolf Savin and will participate in designing, building, and performing experiments utilizing a novel merged beams apparatus to study key interstellar chemical reactions. Additional information about this project can be found at <http://www.astro.columbia.edu/~savin>.

The appointment is initially for one year, with the possibility of renewal for up to two additional years; this is contingent upon the availability of funds and mutual satisfaction.

The successful candidate will have a Ph.D. in Physics, Applied Physics, Chemistry, or a related field. Desired laboratory skills include experience with fast ion beams, ion optics, ultra-high vacuum techniques, infrared lasers, apparatus design and construction, single particle detectors, and associated electronics. Desired computer skills include programming, multidimensional data analysis, LabView, Python, Autodesk Inventor, SIMION, Linux/Mac OS, and Windows OS.

The successful candidate will have a strong background in at least some of the areas listed above, a proven research ability, and evidence of future research potential. They are expected to be able to work well independently and cooperatively with a team and to communicate the results of their research both orally and in writing. Demonstrated written and oral communication skills are highly desirable. Questions regarding this position can be addressed to Dr. Daniel Wolf Savin at savin@astro.columbia.edu.

Applicants should submit a cover letter, curriculum vitae (including a list of publications) and statement of past research. In addition they should arrange to have three letters of reference sent directly by the writers to Dr. Savin. Applications will be considered only after all of the requested material has been received. Applications can be submitted by mail to Dr. Daniel Wolf Savin, Columbia University, Astrophysics Laboratory, 1027 Pupin Hall, MC 5247, New York, NY 10027, U.S.A., or sent via email to savin@astro.columbia.edu. Screening of applicants will begin immediately and will continue until the position has been filled.

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Daniel Wolf Savin

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