

Assistant/Associate Scientist in Low Temperature Experimental Physics at the University of Florida

The Department of Physics at the University of Florida (UF) seeks a full-time, twelve-month, time-limited, non-tenure track Assistant/Associate Scientist in **Low Temperature Physics** to begin as early as January 2020, but certainly by April 2020. The successful candidate will be responsible for the operation of the [National High Magnetic Field Laboratory High B/T Facility](#) at UF. The new faculty member will join a group of three staff members and six faculty who oversee and manage user experiments for the High B/T facility.

The High B/T facility operates two nuclear demagnetization stages equipped with high field magnets for conducting experiments at sub-millikelvin temperatures in fields up to 16 tesla and one “fast” turn-around dilution refrigerator for tests up to 10 tesla. Full information on the High B/T facility can be found at the National High Magnetic Field Laboratory website (<https://nationalmaglab.org/user-facilities/high-b-t-facility>) and the Microkelvin Laboratory website (<http://www.phys.ufl.edu/microkelvin>). In addition to working with external and internal users, the successful candidate will be encouraged to seek external funding especially for advanced instrumentation support in collaboration with UF colleagues, and is expected to serve on committees in the Department of Physics.

The successful candidate must hold a Ph.D. degree (or equivalent) and have experience in low temperature technologies, including the use of dilution refrigerators. Postdoctoral research experience and experience in the use of nuclear demagnetization refrigerators is preferred. Demonstrated communication skills and the ability to work in a group environment are required. The appointment will be as Assistant Scientist or Associate Scientist depending on qualifications and experience. The salary is competitive and commensurate with qualifications and experience, and includes a full benefits package.

Applications must be submitted online at <https://apply.interfolio.com/68773>, and should include: a cover letter, a curriculum vitae with publication list, a research statement, and the names and contact information for three to five references. Reference providers will only be notified of their upload link once an application is submitted in full, so early completion is highly recommended. To ensure full consideration, applications must be submitted by **October 31, 2019**. For more information, please contact the search chair, James Hamlin (jhamlin@ufl.edu).

The University of Florida is an equal opportunity institution dedicated to building a broadly diverse and inclusive faculty and staff. Searches are conducted in accordance with Florida's Sunshine Law. The department particularly welcomes applicants who can contribute to a diverse and inclusive environment through their scholarship, mentoring, and professional service. If an accommodation due to disability is needed to apply for this position, please call (352) 392-2477 or the Florida Relay System at (800) 955-8771 (TDD).