

Ion Cyclotron Resonance Research Faculty Position

The National High Magnetic Field Laboratory (NHMFL) seeks a qualified scientist to join our Ion Cyclotron Resonance (ICR) Program as research faculty with emphasis on carbon cluster analysis. Candidates are expected to have a Ph.D. in a STEM field, postdoctoral training, and a record of significant scholarly activity in synthesis of carbon-based molecular clusters and analysis by mass spectrometry. Experience in collaborative research, supporting users, or managing any shared research resource is desirable.

The successful applicant will work with the ICR Program permanent staff to implement and promote improvements to our molecular nanocarbon program, and ensure that the synthesis and measurement capabilities remain state of the art. Ability to bring new methods and technology to the NHMFL ICR User Facility is a plus. The candidate is expected to support external users, attract new users, and develop new techniques and high-impact applications. The candidate will collaborate with NHMFL staff, co-supervise graduate students and postdoctoral fellows, publish manuscripts, and prepare applications for external grant support.

The NHMFL is the world's premier magnet laboratory, with state-of-the-art high magnetic field facilities (up to 32T in superconducting magnets, 41T in resistive DC magnets, 45T in hybrid DC magnets, and 100T in pulsed magnets) for research in physics, materials science, engineering, chemistry, geochemistry, biochemistry, and biology. The ICR Program features four FT-ICR mass spectrometers that operate at 21T, 14.5T, 9.4T, and 9.4T.

Interested candidates can apply to Florida State University at <https://jobs.fsu.edu> and reference Job ID #44993. Position is open until filled. Please attach your curriculum vitae, a cover letter describing your research experience, and have at least three letters of recommendation submitted. For additional information, please contact Ms. Bettina Roberson, National High Magnetic Field Laboratory, Florida State University, 1800 E. Paul Dirac Drive, Tallahassee, FL 32310-2740, Additional information may be emailed to roberson@magnet.fsu.edu.

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