CONDENSED MATTER EXPERIMENT POST-DOC
JOB IRC# IRC58402

Los Alamos National Laboratory (LANL) has an opportunity for a Postdoc available in experimental condensed matter research.

The focus of this position is on the study of topological and superconducting correlated materials under high-pressure and pulsed high-magnetic field. The position also provides opportunities for industrious candidates to develop complementary methods and pursue new research directions. The successful candidate will work on a team with Drs. Nenad Velisavljevic, Eric Bauer & Mun K. Chan, among others, and will be primarily stationed at the Pulsed-Field Facility of the National High Magnetic Field Laboratory at LANL.

Requirements include a Ph.D. in condensed matter physics or related field completed within the past 5 years. An experimental background in the design and application of high-pressure measurement apparatus such as diamond anvil cells is required. Additional desirable experience include 1) bulk crystal characterization and preparation 2) electrical/thermal transport, thermodynamic, and magnetic property measurements 3) high-frequency electronics 4) high-magnetic field measurements.

Interested candidates should contact mkchan@lanl.gov with a CV and cover letter. The cover letter should address the candidate’s technical qualifications, include a brief biographical sketch, and list at least three possible references. Further information and application can be found at careers.lanl.gov and searching for job number IRC58402.