

## **ASSISTANT PROFESSOR POSITION IN THEORETICAL CONDENSED MATTER PHYSICS**

The Department of Physics and Astronomy, in collaboration with the Department of Materials Science and Engineering at the University of Tennessee, Knoxville, invites applications to fill a tenure track faculty position at the assistant professor level. This appointment is expected to begin August 1, 2021. The successful candidate will have a primary appointment in the Department of Physics and Astronomy with potentially a joint appointment in the Department of Materials Science and Engineering. The emphasis of this search is to strengthen our efforts in the understanding, characterization, and development of new classes of technologically useful quantum materials, which requires tight integration and collaboration between the two departments. A further expansion in the area of quantum materials and quantum information is anticipated, which will be supported by additional faculty hires following the successful completion of this search.

The department respects, understands, and values differences that embody principles of diversity and inclusion, and holds a deep commitment toward developing and promoting a culturally inclusive community. We strongly encourage applications from members of groups that are underrepresented in science and technology.

Candidates should have a PhD in physics or a closely related field and an exceptional research record in the areas of theoretical topological quantum materials including topological superconductors, dynamics and manipulation of quantum systems, solid state implementation of quantum information, and quantum device physics. The successful candidate will establish an externally-funded research program, provide interdisciplinary training for graduate students and postdoctoral researchers, and contribute to the teaching mission of the Physics and Astronomy and Materials Science and Engineering departments.

The University of Tennessee, Knoxville, is Tennessee's flagship-state research institution, a campus of choice for outstanding undergraduates, and a premier graduate institution. The successful candidate will benefit greatly from available computational resources and the proximity to unique research facilities at Oak Ridge National Laboratory, including the Joint Institutes for Computational Sciences, Advanced Materials, and Neutron Sciences.

The campus is located in one of the most beautiful areas of the country with easy access to miles of inland waterways, pristine state and national parks, diverse cultural opportunities, and a blend of convenient urban and rural living settings. Downtown Knoxville, adjacent to campus, is a thriving neighborhood filled with restaurants, shops, and indoor and outdoor entertainment venues, and is home to the Knoxville Symphony and Knoxville Opera, as well as annual festivals like the Big Ears Music Festival, Jazz on the Square, and Shakespeare on the Square.

The University welcomes and honors people of all races, creeds, cultures, and sexual orientations, and values intellectual curiosity, pursuit of knowledge, and academic freedom and integrity. The Knoxville campus of the University of Tennessee is seeking candidates who have the ability to contribute in meaningful ways to the diversity and intercultural goals of the University. Applicants should send a CV, list of publications, a description of research and teaching experience, a proposed research program, and arrange for three letters of reference to be submitted separately. All application materials, including the letters, should be submitted via <https://apply.interfolio.com/80082>. Only electronic applications will be considered and acceptable file formats are .pdf or .docx. We will start reviewing applications by January 15, 2021.

#### Equal Employment Opportunity Statement

All qualified applicants will receive equal consideration for employment and admission without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, genetic information, veteran status, and parental status, or any other characteristic protected by federal or state law. In accordance with the requirements of Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990, the University of Tennessee affirmatively states that it does not discriminate on the basis of race, sex, or disability in its education programs and activities, and this policy extends to employment by the university. Inquiries and charges of violation of Title VI (race, color, and national origin), Title IX (sex), Section 504 (disability), the ADA (disability), the Age Discrimination in Employment Act (age), sexual orientation, or veteran status should be directed to the Office of Equity and Diversity, 1840 Melrose Avenue, Knoxville, TN 37996-3560, telephone 865-974-2498. Requests for accommodation of a disability should be directed to the ADA Coordinator at the Office of Equity and Diversity.