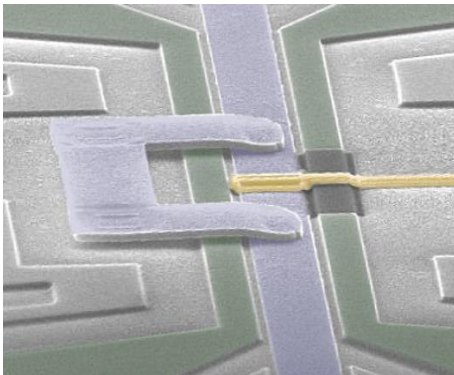


PhD opportunities in Physics of Superconducting Hybrid-Devices with Topological Materials

Institute for Topological Insulators
Faculty of Physics and Astronomy
University of Würzburg (Germany)

The Institute for Topological Insulators at the University of Würzburg seeks excellent candidates for PhD positions in the field of experimental condensed matter physics.



Our research projects involve low-temperature physics using dilution refrigerators, nanofabrication, DC electrical transport measurements, data analysis, and device simulation techniques. Advanced experimental techniques include microwave spectroscopy of Andreev states and qubits, and detection of topological states in heat transport and noise measurements. Our team has collaborations with theory and experimental groups worldwide. Strong communication skills and proficiency in scientific English are required.

We welcome applicants with backgrounds from physics, applied physics, nanoscience or related fields with relevant experience in experimental work, ideally including published research. Candidates must hold a master's degree in a qualifying program (equivalent to a German M.Sc. degree). Selected candidates qualify for joining the PhD program at the University of Würzburg and will be offered an employment contract (Research Assistant position with social security benefits under German labor law).

How to apply

The application should include a motivation letter, curriculum vitae, transcripts and additional information on relevant experience.

Please send your application to

Prof. Laurens Molenkamp (laurens.molenkamp@physik.uni-wuerzburg.de) or
Prof. Charles Gould (gould@physik.uni-wuerzburg.de).

Get in touch

