



## **SQUIDs and Magnets in France**

**Jacob Adamczyk**

**CSU Physics Honors & Math senior**



This presentation will showcase international experimental research in superconductivity. In particular, I will address some history of superconductivity and the current theory which describes my experiments at the Néel Institute. A specific application, Superconducting Quantum Interference Devices (SQUIDs), is mentioned in some detail. I will show the variety of work I performed during this research position, and consider my results and future directions. I will discuss how I fell upon a research position in Grenoble, France at the Néel Institute, and the overall experience during my time there.

**Tuesday, February 4<sup>th</sup>, in SR 151, 11:30 am**

**Pizza and Beverages provided**