

The condensed matter theory group of Professor Wei Ku (currently a scientist of Brookhaven National Laboratory and an adjunct professor of Stony Brook University) at Fudan University has immediate openings for graduate students. The successful candidate is expected to conduct research in electronic correlation, high-temperature superconductivity, and effects of disordered impurities, in strongly correlated materials. The research projects employ both analytical and numerical methods, including density functional theory and other quantum many-body theories. The project also includes developing novel theoretical/computational methods. Available parallel computing resources include national supercomputer centers and local Beowulf clusters.

Contact information: Wei Ku ([weiku@mailaps.org](mailto:weiku@mailaps.org)) <http://www.cmth.bnl.gov/~weiku/>