

Meng Cheng

University of Maryland
Department of Physics
College Park, MD 20742

Phone: (301) 405-7652
Email: chmeng@umd.edu
Homepage: <http://terpconnect.umd.edu/~chmeng/>

Education

- 2008 - present: Doctoral student of Physics, University of Maryland.
- 2004 - 2008: B. S. Physics, Nanjing University, 2004.

Employment

- 2009 - present: Research assistant, Department of Physics, University of Maryland
- Fall 2008: Teaching assistant, Department of Physics, University of Maryland

Publications

- *Stable topological superconductivity in a family of two-dimensional fermion models*, Meng Cheng, Kai Sun, Victor Galitski and S. Das Sarma, arXiv:0908.2805
- *Splitting of Majorana-fermion modes due to intervortex tunneling in a $p_x + ip_y$ superconductor*, Meng Cheng, Roman Lutchyn, Victor Galitski, and S. Das Sarma, Phys. Rev. Lett. **103**, 107001 (2009)

Teaching

- Fall 2008: University of Maryland, Physics 271 - General Physics Laboratory, instructor Prof. Min Ouyang

Presentations

- Contributed talk, *Splitting of Majorana modes due to intervortex tunneling in $p_x + ip_y$ superconductors*, American Physics Society March Meeting, Pittsburgh, PA(March 2009)
- *Topological superconducting phases in two-dimensional fermion models*, CMTC Symposium, University of Maryland, College Park, MD(October 2009)