

Department of Physics
Carnegie Mellon University
5000 Forbes Ave.
Pittsburgh, PA 15213

Phone: (412) 268-2370 (o)
(512) 203-9613 (c)
Email: dixiao@cmu.edu
<http://andrew.cmu.edu/~dixiao>

Education

- Ph.D. in Physics, University of Texas at Austin (May 2007)
Thesis Title: *Berry Phase Modification to Electron Density of States and Its Applications*
Thesis Advisor: *Prof. Qian Niu*
- B.S. in Physics, Peking University, Beijing, China (July 2001)

Employment

- Jul 2016 – present, Associate Professor of Physics, Carnegie Mellon University
- Aug 2012 – Jun 2016, Assistant Professor of Physics, Carnegie Mellon University
- Jan 2010 – Jul 2012, Staff Research Scientist, Oak Ridge National Laboratory
- Jan 2008 – Dec 2009, Postdoctoral Associate, Oak Ridge National Laboratory
- Jun 2007 – Dec 2007, Postdoctoral Associate, University of Texas at Austin

Honors and Professional Activities

- Cottrell Scholars, Research Corporation for Science Advancement, 2016
- NSF Pannelist, 2015
- Organizer of American Physical Society March Meeting, Focused Topic *2D materials beyond graphene*, 2014.
- Committee member of Focused Topic Program *Novel 2D Materials* of American Vacuum Society 61st International Symposium, 2013.
- Organizer of Summer School *Novel electronic degree of freedom* at International Center for Quantum Materials, Peking University, China, 2013.
- Executive Committee member of *Pittsburgh Quantum Institute*, 2012 – present.

Publication List

Summary: 20 Physical Review Letters, 12 Nature subjournals (Nature Physics, Nature Nanotechnology, Nature Photonics, Nature Communication), 1 Science Advance, 1 Review of Modern Physics. Over 9,000 citations with an h-index of 32. A total of 21 papers with more than 100 citations.

Complete citation information available at Google Scholar

<https://scholar.google.com/citations?user=d41WKG4AAAAJ>