

**Name** ZHANG Fu-Chun  
**Department** University of Chinese Academy of Sciences  
Kavli Institute for Theoretical Sciences  
KITS, UCAS, 100190 Beijing, China  
Homepage: <https://kits.ucas.ac.cn>  
E-mail: fuchun@ucas.ac.cn



### Education

1983 *Ph.D. in physics, Virginia Tech., USA*  
1968 *BS (equivalent) in physics, Fudan University, China*

### Positions held

2017-present *Professor, Director, Kavli ITS, UCAS, China*  
2014-2016 *Professor, Physics Department, Zhejiang Univ, China*  
2003-2013 *Chair Professor, Physics Department, Univ. of Hong Kong*  
*Head of Physics Department, Univ. of Hong Kong (2005-2011)*  
1988-2003 *Assistant, Associate & Full Professor, Physics Department, Univ. of Cincinnati, USA*

### Awards & Honours

*University Distinguished Research Professor, Univ. of Cincinnati, 2002*  
*University Distinguished Research Accomplishment Award, Univ. of Hong Kong, 2005*  
*Endowed Zhou Guangzhao Chair Professorship of Natural Sciences, Univ. of Hong Kong, 2011-2013*

### Current editorial board

### Selected committee work

2009-present *Member of Science Advisory Committee, APCTP*  
2012-present *Member of Science Advisory Committee, Max Planck Institute for Chemical Physics of Solid, Dresden, Germany*  
2015 *Member, International Review Committee, Center for Quantum Materials, Peking Univ. China*

### Five selected (recent) publications

1. **F.C. Zhang**, C. Gros, T.M. Rice, and H. Shiba, *A renormalized Hamiltonian approach to a resonant valence bond wavefunction*, **Supercond. Sci. Technol.** 1, 36-46 (1988)
2. **F.C. Zhang** and T. M. Rice, *Effective Hamiltonian for the superconducting Cu-oxides*, **Phys. Rev. B** 37, 3759(R) (1988)
3. K.Y. Yang, T.M. Rice, and **F.C. Zhang**, *Phenomenological theory of the pseudogap state*, **Phys. Rev. B** 73, 174501 (2006)
4. J.J. Miao, H.K. Jin, **F.C. Zhang**, and Y. Zhou, *Exact Solution for the Interacting Kitaev Chain at the Symmetric Point*, **Phys. Rev. Lett.** 118, 267701 (2017)
5. H.H. Sun, K.W. Zhang, L.H. Hu, C. Li, G.Y. Wang, H.Y. Ma, Z.A. Xu, C.L. Gao, D.D. Guan, Y.Y. Li, C. Liu, D. Qian, Y. Zhou, L. Fu, S.C. Li, **F.C. Zhang**, and J.F. Jia, *Majorana Zero Mode Detected with Spin Selective Andreev Reflection in the Vortex of a Topological Superconductor*, **Phys. Rev. Lett.** 116, 257003 (2016)