

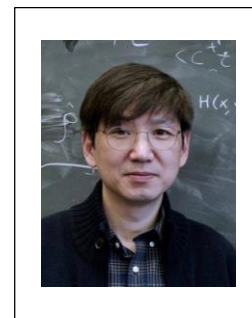
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Education

1995 *Ph.D. in Physics (Condensed Matter Theory), MIT*
1991 *MS in Physics, POSTECH*
1989 *BS in Chemistry (Major), Physics (Minor), Seoul National University*

Positions held

2006-present *Professor, University of Toronto, Canada*
2012-present *Director, Center for Quantum Materials, University of Toronto, Canada*
2001-present *Senior Fellow/Associate, Canadian Institute for Advanced Research, Canada*
2002-2011 *Canada Research Chair, University of Toronto, Canada*
2001-2006 *Associate Professor, University of Toronto, Canada*
1999-2001 *Assistant Professor, The Ohio State University, USA*
1998-1999 *Assistant Professor, The Pennsylvania State University, USA*
1995-1997 *Postdoctoral Fellow, Theory Group, Bell Laboratories, USA*

Awards & Honours

Killam Research Fellowship, Canada Council for The Arts (2018), Brockhouse Medal, Canadian Association of Physicists (2017), Elected General Member, Aspen Center for Physics (2018), Elected Fellow, American Physical Society (2012), Visiting Miller Professorship, UC Berkeley (2006), CAREER award, National Science Foundation, USA (2000), Sloan Research Fellowship, A. P. Sloan foundation (1999), Outstanding Young Researcher Award, Association of Korean Physicists in America (1999)

Current editorial boards

Annual Review of Condensed Matter Physics (2017-present), Journal Impact factor 21.853

Selected committee work

2014-present *Advisory Board, IBS Center for Correlated Electron Systems, Seoul National University*
2014-present *Advisory Board, IBS Center for Artificial Low Dimensional Electron Systems, POSTECH*

Five selected (recent) publications

1. W. Witczak-Krempa, , G. Chen, **Y.B. Kim**, and L. Balents, *Correlated Quantum Phenomena in Strong Spin-Orbit Regime*, **Annu. Rev. Condens. Matter Phys.** 5, 57 (2014)
2. W. Choi, P.W. Klein, A. Rosch, and **Y.B. Kim**, *Topological Superconductivity in Kondo-Kitaev Model*, **Phys. Rev. B** 98, 155123 (2018)
3. K. Slagle and **Y.B. Kim**, *Fracton Topological Order from Nearest-Neighbor Two-Spin Interactions and Dualities*, **Phys. Rev. B** 96, 165106 (2017)
4. A. Burkov and **Y.B. Kim**, *Z₂ and Chiral Anomalies in Topological Dirac Semimetals*, **Phys. Rev. Lett.** 117, 136602 (2016)
5. R. Schaffer, E.K.H. Lee, Y.M. Lu, and **Y.B. Kim**, *Topological Spinon Semimetals and Gapless Boundary States in Three Dimensions*, **Phys. Rev. Lett.** 114, 116803 (2015)