

BIOGRAPHY

Prof. Dr. Young Keun KIM

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EDUCATIONAL BACKGROUND

- Ph.D., Materials Science and Engineering, MIT, Cambridge, Massachusetts, USA, May 1993
- M.S., Metallurgical Engineering, Seoul National University, Seoul, Korea, Feb. 1987
- B.S., Metallurgical Engineering, Seoul National University, Seoul, Korea, Feb. 1985

WORK EXPERIENCE

- Director, Center for Spin-Orbitronic Materials, Korea University, Dec. 2015 – present
- Director, Research Center for Biomedical Nanocrystals, Korea University, Jul. 2008 - present
- President, Research and Business Foundation, Korea University, Jul. 2008 - Feb. 2011
- Assistant/Associate/Full Professor, Korea University, Mar. 2000 - present
- Senior Manager, Samsung Electro-Mechanics, Sep. 1997 - Feb. 2000
- Engineer, Quantum Corporation (USA), Aug. 1993 - Aug. 1997

PROFESSIONAL ACTIVITIES

- Fellow, The Korean Academy of Science and Technology (KAST), Jan. 2015 – present
- Member, The National Academy of Engineering of Korea (NAEK), Jan. 2018 – present
- Senior Member, IEEE, Aug. 2007 - present
- Editorial Board Member, *Scientific Reports* (Springer-Nature), Jan. 2017 - present
- Editorial Board Member, *IEEE Transactions on Magnetics* (IEEE), Jan. 2002 - present
- Auditor, Korean Magnetics Society, Jan. 2017 - present
- Council Member, The Asian Union of Magnetics Societies (AUMS), Jun. 2015 - present
- Board of Directors, Nano-Convergence 2020 Foundation, Oct. 2012 - present

HONORS & AWARDS

- National Order of Service Merit-Green Stripes, Republic of Korea, Jun. 2017
- Granite Tower Technology Award, Korea University, May 2016
- ILJIN Academic Achievement Award, Korean Institute of Metals and Materials, Oct. 2015
- Academic Achievement Award, Korean Magnetic Society, Dec. 2009
- Granite Tower Teaching Award, Korea University, Nov. 2005