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EDUCATION 1990.08. Univ. of Minnesota, Ph.D. Physics
 1986.12 Univ. of Minnesota, M.S. Physics
 1985.02 Seoul National Univ., B.S. Physics

EXPERIENCE

2016.10 – present Dean, College of Applied Sciences, Kyung Hee Univ.
2016.03 – 2017.02 Director, Institute of Natural Sciences, Kyung Hee Univ.
2009.09 – present Professor, School of Space Research, Kyung Hee Univ.
2007 – 2008/2013 – 2014 Visiting Professor, Princeton Plasma Physics Lab.
2000.03 – 2001.02 Visiting Professor, Dartmouth College
1992.03 – present Professor, Dept of Astron. & Space Sci., Kyung Hee Univ.
1991.05 – 1992.02 Senior Researcher, Korean Astronomy and Space Science Institute
1990.10 – 1991.04 Military service in Korea

RESEARCH INTERESTS

Publication over 110 papers in space physics, plasma physics: Magnetospheric waves and instabilities, MHD and plasma waves in space, Nonlinear wave properties in nonuniform plasmas, Dynamics of current flows in space, Heavy ion composition in the magnetosphere, Space weather modelling and instruments.

AWARDS

2015 Minister's Commendation from the Ministry of Science and ICT, Korea
2012 Magnolia Award, Kyung Hee University
1996 Fellowship, Japan Society for the Promotion of Science

PROFESSIONAL SERVICES

- Chair, ULF Waves WG, Division III, IAGA (International Association of Geomagnetism and Aeronomy), 2011-2015
- Convener, Chapman Conference on Low Frequency Waves in Space Plasmas, 2014
- SOC Chair, COSPAR Symposium on Small Satellites for Space Research, 2017
- Expert Committee, National Science & Technology Commission, Korea, 2011-2015
- Chair, Technical Group of Space Environment and Radio Applications, Korean Institute of Electromagnetic Engineering and Science
- Member, Board of Directors, Korean Space Science Society
- Member, Korean National Committee for COSPAR (Committee on Space Research)