

Speaker Profile



Contact Details

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Name Ki-Bum Kim

Title Professor

Institute NANO System Institute
National Core Research Center
School of Materials Science and Engineering

* Education

- Stanford University: Ph.D. in Materials Science and Engineering (1990)
- Seoul National University: M.S. in Metallurgical Engineering (1983)
- Seoul National University: B.S. in Metallurgical Engineering (1980)

* Professional Positions

- School of Materials Science and Engineering, Seoul National University (1992-2004)
- Applied Materials Inc., Research Scientist (1991 ~ 1992)
- Philips Research Laboratory, Research Scientist (1988 ~ 1991)

* Research field and interests

- Nanofabrication; Nanolithography using crystalline lattice image & alignment of colloidal nanoparticle
- Thin film technology; Structure and property relationship in thin film materials
- Phase change memory; Development of new material and device structure

* Awards and Honors

- Research Prize of AMK Paper Contest, 2001.4.
- Superior educator Prize, School of Materials Science and Engineering, Seoul National University. 2003.

* Professional Activities

- Editorial advisory board, The Korean Institute of Metals and Materials, 2003-present.
- Project leader of Core technology, Tera Level Nano Devices (21C frontier program), 2000-present.
- Invited speaker, Nano Materials for Defense Applications symposium, Hawaii, USA, 2004,2,19.
- Invited speaker, The 6th international symposium of northeastern asian nanoscience and technology, Shanghai, China, 2004,5,5.
- Invited speaker, The 2nd workshop on the nanotechnology user support project, MEXT(Ministry of Education, Culture, Sports, Science and Technology), 2004. 11.11

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