

Speaker Profile



Contact Details

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Name: Jeong-Bong (J-B.) Lee

Title: Assistant Professor

**Department of Electrical Engineering
University of Texas at Dallas**

* Education

- Georgia Institute of Technology: Ph.D. in Electrical Engineering (1997)
- Georgia Institute of Technology: M.S. in Electrical Engineering (1993)
- Hanyang University: B.S. in Electronics Engineering (1986)

* Professional Positions

- Assistant Professor, Dept. of Electrical Engineering, University of Texas at Dallas (2001 - present)
- Assistant Professor, Dept. of Electrical Engineering, Louisiana State University (1999-2001)
- Research Scientist, Georgia Tech (1997-1998)

* Research field and interests

- MEMS (design, fabrication and characterization of RF MEMS, Bio MEMS devices, micro gripper and micro assembly)
- NEMS (nano gripper, MEMS-controlled tunable photonic crystal)
- Packaging technology for MEMS

* Awards and Honors

- College of Engineering Best Ph.D. dissertation award (Dr. Kabseog Kim, advisor: Dr. J-B. Lee), Univ. of Texas at Dallas, 2004
- National Science Foundation's Faculty Early Career Development Award (CAREER AWARD), 2001
- Donald Cecil & Elaine T. Delaune Endowed Professorship, Louisiana State University, 2000
- Southeastern Center for Electrical Engineering Education (SCEEE) Junior Faculty Development Award, 2000

* Professional Activities

- Served as program committee members and session chairs for SPIE and other international conferences.
- Invited speakers for SPIE and other conferences.
- Served as reviewers for refereed journals including IEEE Journal of Microelectromechanical Systems, IEEE Transactions on Electron Devices, IEEE Sensors Journal, Sensors and Actuators, Journal of Materials Research, Journal of Micromechanics and Microengineering.
- Appointed as a member of the international editorial board of "Transactions on Electrical and Electronic Materials".
- Served as review panel members for various National Science Foundation's programs