

- **Invited Seminars**

1. **B. I. Kim, Single-Molecule Recognition and Manipulation Studied by Scanning Probe Microscopy**, Physics Department, Boise State University, Boise, ID, September 1, 2006.
2. **B. I. Kim, Single-Molecule Recognition and Manipulation Studied by Scanning Probe Microscopy**, Physics Department, Idaho State University, Pocatello, ID, Aug 28, 2006.
3. **B. I. Kim, Scanning Probe Microscopy in Nano- and Bio- Science**, Physics Department, Boise State University, Boise, ID, Oct. 21, 2005.
4. **B. I. Kim, Scanning Probe Microscopy in Nano and Bio Physics Research**, Department of Materials and Engineering, Boise State University, Boise, ID, January 21, 2005.
5. **B.I. Kim, Molecular Imaging, Phoenix, AZ. AFM Research and Development**, Oct. 19, 2004
6. **B. I. Kim, Scanning Probe Microscopy in Biomaterial Research**, Bioinformatics Discussion Group, Boise, ID, September 13, 2004.
7. **B. I. Kim, New Opportunities in Nano- and Bio-Science: Scanning Probe Microscopy**, Physics Department, Boise State University, Boise, ID, September 3, 2004.
8. **B. I. Kim, Nanoscale Manipulation of Biomolecular Materials and Single Molecular Organic Self-Assembly: Scanning Probe Study**, Department of Physics, Boise State University, Boise, ID, April 8, 2004.
9. **B. I. Kim, Nanoscale Manipulation of Biomolecular Materials and Single Molecular Organic Self-Assembly: Scanning Probe Study**, Department of Physics, University of Texas-Pan American, Edinburg, TX, April 2004.
10. **B.I. Kim, Nanoscale Manipulation of Biomolecular Materials and Single Molecular Organic Self-Assembly: Scanning Probe Study**, Department of Electrical Engineering, University of Louisville, Louisville, KY., April 2004.
11. **B.I. Kim, Adhesion Hysteresis**, Surface and Interface Science Discussion Group, Sandia National Laboratories, NM, Feb 17, 2004.
12. **B.I. Kim, Nanoscale Manipulation of Biomolecular Materials and Single Molecular Organic Self-Assembly: Scanning Probe Study**, Potentia Pharmaceuticals, Louisville, KY, Jan 21, 2004.
13. **B. I. Kim, Nanoscale Manipulation of Biomolecular Materials and Single Molecular Organic Self-Assembly: Scanning Probe Study**, Inha University, Incheon, Korea, Jan 14, 2004.
14. **B. I. Kim, Nanoscale Manipulation of Biomolecular Materials and Single Molecular Organic Self-Assembly: Scanning Probe Study**, Kyung Hee University, Seoul, Korea, Dec. 15,2003.
15. **B. I. Kim, Distance Control between Tip and Sample in Scanning Probe Microscopy**, Hysitron, Inc. Minneapolis, MN, Dec 9, 2003

16. **B. I. Kim, Scanning Probe Study of Biomolecular Materials and Single Molecular Organic Self-Assemblies**, Seoul National University, Seoul Korea, Nov. 12, 2003.
17. **B. I. Kim, Nanoscale Manipulation of Biomolecular Materials and Single Molecular Organic Self-Assembly: Scanning Probe Study**, EMSL, Pacific Northwest National Laboratory, Richland, WA, Oct. 27, 2003.
18. **B. I. Kim, Nanoscale Manipulation of Biomolecular Materials and Single Molecular Organic Self-Assembly: Scanning Probe Study**, Seoul National University, Seoul Korea, Oct. 17, 2003.
19. **B. I. Kim, Nanoscale Manipulation of Biomolecular Materials and Single Molecular Organic Self-Assembly: Scanning Probe Study**, ETRI, Taejon, Korea, Oct. 18, 2003.
20. **B.-I. Kim, Novel Self-assembled Organic Structures Highlight the Competitive Roles of Intermolecular and Adsorbate-Substrate Interactions**, Kookmin University, Seoul, Korea Oct. 17, 2003.
21. **B.-I. Kim, IFM Investigations of Interfacial Interactions in Water Surface and Interface Science Discussion Group**, Sandia National Laboratories, NM, October 17, 2002.
22. **B.-I. Kim, Novel Self-assembled Organic Structures Highlight the Competitive Roles of Intermolecular and Adsorbate-Substrate Interactions**, Prof. Picraux Group, Arizona State University, Tempe, AZ August 2001.
23. **B.-I. Kim, Molecular Engineering of Self-Assembled Building Blocks Using Surface Induced Two Dimensional Chirality**, Physical & Chemical Sciences Center, Sandia National Laboratories, NM August 2001.
24. **B.-I. Kim, Two Dimensional Chiral Effect of the Organic Molecule on the Configuration of Organic Self-assembly on the Reactive Metal Surface**, Prof. Lieber Group, Harvard University, Cambridge, MA, May, 2001.
25. **B.-I. Kim, Chemical Modification of the Interfacial Frictional Properties of Metal Carbide Through Molecular Adsorption** Prof. Maboudian Group, University of California-Berkeley. Berkeley, CA, April, 2001.
26. **B. I. Kim, "Binding and ordering of large organic molecules on the metal surface: PVBA on Pd(111) studied by UHV STM"**, Phys. Chem. Seminar, Univ. of Houston, TX, September 20, 2000.
27. **B. I. Kim, "Scanning Probe Microscopy,"** Special Topics Seminar for Undergraduate Student, Ajou University, Korea, June 1996.