

## *Speaker Profile*



### **Contact Details**

**Organization  
Name: Inha  
University**

**Address:  
253 Yonghyun-  
Dong, Nam-Gu,  
Incheon, Korea**

**Phone:  
+82 32 860 7328**

**Fax:  
+82 32 860 7328**

**Email:  
sunmk@inha.ac.kr**

**Website:  
<http://minihome.inha.ac.kr/kimlab>**

**Name : Sun Min Kim**

**Title : Assistant Professor**

**Institute : Inha University**

**Sun Min Kim** received his B.S.(1997) and M.S.(1999) degrees in mechanical engineering from the Seoul National University, the M.S. degree in biomedical engineering and the Ph.D. degree in mechanical engineering from the University of Michigan, Ann Arbor in 2005 and 2006, respectively.

In 2007, Prof. Kim joined the faculty of the Department of Mechanical Engineering, Inha University, following post-doctoral work at the Brigham and Women's Hospital, Harvard Medical School, MA, where he worked on the development of a cardiac cell based biosensor for toxin detection in water resources.

Prof. Kim is interested in the fundamental understanding and development of micro/nanofluidic systems for the biochemical sample analysis, cell-based biosensor, and cell analysis. He is currently working on the development of microfluidic systems for ultra-high sensitive immunoassay of clinical samples using electrokinetics.

Prof. Kim currently serves as a board member of the Korean Society of Mechanical Engineers (Division of Fluid Dynamics and Division of Bioengineering) and the Korean Fluid Machinery Association.

