

Speaker Profile



Name : Dae Won Moon

Title : Nano-Bio Fusion research Center, Director

Institute : Korea Research institute of Standards and Science

Dae Won Moon received his B.S. degrees in Chemistry from Seoul National University in 1975, and M.S. degrees in Chemistry from KAIST in 1977, and Ph.D. degree in Chemistry from Pennsylvania State University in 1984.

Contact Details

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Before joining the Senior Principal Researcher at Korea Research institute of Standards and Science (KRIS) in 1986, Dr. Moon worked as a Research Associate at Princeton University for two years. From 2001 to 2002, he worked as a Visiting Professor in Department of Materials Science at University of Illinois in Urbana Champaign. He became the Director of Nano-Bio Fusion Research Center at KRIS in 2006.

The Major Fields are,

- Quantitative Analysis of Surfaces and Interfaces
- Ultrathin Film Growth with Ion Beam Sputter Deposition and Atomic Layer Deposition
- Bio TOF-Secondary Ion Mass Spectrometry
- Nano-Bio Fusion Technology for Single Cell Measurement and Manipulation

Distinctions:

- 2003-present Editorial Board, Critical Reviews in Solid State and Materials Science
- 2002 Publication Award of KCIST
- 2002 Award of Ministry of Science and Technology 'Scientist of This Month'
- 2004 Selected as one of ten model scientists in 2004 by MOST, Korea
- 2006 Member, Korean Academy of Science and Technology
- 2007 KRIS fellow

