SECOND INTERNATIONAL NANOTECHNOLOGY CONFERENCE ON COMMUNICATIONS AND COOPERATION

Speaker's Biography

DR. KRISTIN A. BENNETT, US Department of Energy

Dr. Bennett joined U.S. Department of Energy (DOE) Office of Basic Energy Sciences in 2002 as a program manager for the DOE Nanoscale Science Research Center (NSRC). In addition to managing design, construction and operations of the DOE NSRC national user facilities located across the United States, she also manages the Spallation Neutron Scattering Source Instruments for Next Generation projects (SING I and SING II), and the Linac Coherent Light Source Ultrafast Science Instruments project (LUSI) for DOE. Dr. Bennett represents DOE as a member of the U. S. National Science and Technology Council's subcommittee on Nanoscale Science, Engineering and Technology (NSET) for the National Nanotechnology Initiative (NNI), the NNI Public Engagement Group (NPEG), and an invited member of the Nanotech Briefs Editorial Advisory Board 2006 & 2006. Prior to joining DOE, Dr. Bennett was a technical staff member at Los Alamos National Laboratory (LANL) where since 1995, she lead materials characterization research efforts in polycrystalline materials in situ deformation for the Materials Sciences and Technology Division and the Los Alamos Neutron Scattering Center. During her time at LANL, Dr. Bennett was best known for building HIPPO (High Pressure Preferred Orientation) time-of- flight neutron spectrometer for materials characterization, and her work at the Institute of Geophysics and Planetary Physics, and Science Based Stockpile Stewardship programs. For her work, Dr. Bennett has received the honors of Fellow, at the University of California Institute of Geophysics and Planetary Physics, the Los Alamos Award of Excellence, the Los Alamos Certificate of Appreciation, the Marquis Who's Who in Science and Engineering, along with the National Science Foundation's "Women in Engineering" Fellowship. She is presently a member of the American Geophysical Union, the American Associate for Advancement of Sciences, the Materials Research Society, and the Neutron Scattering Society of America. She is a volunteer and spokesperson for science outreach programs, most recently as an advisor and teacher for the 'Strange Matter' www.strangematterexhibit.com project sponsored by the National Science Foundation and Materials Research Society, and the newly funded Nanoscale Informal Science Education (NISE) network. Dr. Bennett received her Ph.D. from the University of California at Berkeley in Geology and her B.S. from Trinity College in Mechanical Engineering.