



## FIRST INTERNATIONAL NANOTECHNOLOGY CONFERENCE ON COMMUNICATION AND COOPERATION

### Speaker's Bio

Dr. Mihail C. Roco



Mihail Roco chairs the U.S. National Science and Technology Council's subcommittee on Nanoscale Science, Engineering and Technology (NSET), and is Senior Advisor for Nanotechnology at the National Science Foundation. He also coordinates NSF's Grant Opportunities for Liaison with Industry program. Previously he was Professor of Mechanical Engineering at the University of Kentucky (1981-1995), and held visiting professorships at the California Institute of Technology (1988-89), Johns Hopkins University (1993-95), Tohoku University (1989), and Delft University of Technology (1997-98).

Dr. Roco is credited with 13 inventions. He has authored or co-authored numerous archival articles and twelve books. He is a key architect of the National Nanotechnology Initiative, and coordinated the preparation of the U.S. National Science and Technology Council reports on "Nanotechnology Research Directions" (NSTC, 1999) and "National Nanotechnology Initiative" (NSTC, 2000).

Dr. Roco is a Correspondent Member of the Swiss Academy of Engineering Sciences, a Fellow of the American Society of Mechanical Engineers, a Fellow of the Institute of Physics, and a Fellow of the American Institute of Chemical Engineers. He is Editor-in-chief of the Journal of Nanoparticle Research, and has served as editor for the Journal of Fluids Engineering and the Journal of Measurement Science and Technology. He is a member of the Executive Governance Board for Sandia and Los Alamos National Laboratories, the Review Board for National Research Council Institute (Canada) and other boards in Europe and Asia.

Dr. Roco was selected as "Engineer of the Year" by NSF and the U.S. National Society of Professional Engineers in 1999 and again in 2004. Among his other honors are Germany's Carl Duisberg Award, a Burgers Professorship Award in Netherlands, the U.S. University Research Professorship award, and a 2002 Best of Small Tech Awards as "Leader of the American Nanotechnology Revolution". Forbes magazine recognized him in 2003 as first among "Nanotechnology's Power Brokers" and Scientific American named him one of 2004's top 50 Technology Leaders.