



## SECOND INTERNATIONAL NANOTECHNOLOGY CONFERENCE ON COMMUNICATIONS AND COOPERATION

### Speaker's Biography

**Suzi Jarvis**, Nanostructures and Nanodevices, Trinity College Dublin, Ireland



Suzi Jarvis graduated from the University of Oxford with a B.A. in Physics and a Kodak sponsored D.Phil. in Materials. This was followed by postdoctoral fellowships in Japan at the Joint Research Center for Atom Technology, Tsukuba, before moving on to a staff position at the Nanotechnology Research Institute, also in Tsukuba.

Suzi became a Research Professor at Trinity College Dublin in July 2002 funded by Science Foundation Ireland. She has a number of international collaborations supported by Fundamenteel Onderzoek der Materie (FOM), the Australian Department of Education, Science, and Technology, and the Human Frontier Science Program. She is also a co-founder of the International Nanotribology Forum.

Suzi runs a multidisciplinary team pursuing a number of research areas at the interface between electrical engineering, mathematics, physics, chemistry, biology and botany. The underlying theme to all her projects is to understand, manipulate and ultimately utilize the function of molecules on the nanometer scale. The group has particular strengths in the development and application of novel atomic force microscopy techniques, especially in the liquid environment. One of their major goals is to make a conceptual advance in understanding the role of water in biological function, as this would constitute a major contribution across many fields of science.