

Study of Nano-Structure by Using Scanning Probe Microscopy, **Young Kuk**, Seoul National University, Seoul, 151-742, Korea

There have been revolutionary changes in understanding of surfaces with the advent of scanning tunneling microscope(STM). The geometric and electronic structures of semiconductor and metal surfaces can now be studied with atomic resolution. Scanning probe microscopies(SXM) have been developed and further widened the application area. Several examples of surface structures, surface electronic bonding, dynamics will be discussed in the present talk.