

Alberto Rota works on surface science field since 1996. He got the University degree in Physics and the PhD at Università di Modena e Reggio Emilia, working with spectroscopic techniques, diffraction techniques and Scanning Probe Microscopies. After having spent one year at the Institut d'Electroniques Fondamentale at the Université de Paris-sud working on self-assembled nanostructures, he moved back to Italy, focusing his activity on the study of oxide and metal-oxide systems. Since 2006 he is a member of SUP&RMAN lab., whose activity is split in basic and applied research on Tribology. He works mainly on the tribological properties of surfaces at the nanoscale, in particular on nano-patterning, self-lubricating and nanostructured thin films.