Ilan Goldfarb is a Professor and a former Chair of Department of Materials Science and Engineering (DMSE) at Tel Aviv University (TAU), and a former Director of the TAU Wolfson Applied Materials Research Centre. He heading Surface Science & Nanostructures laboratory. He obtained his B.Sc. and M.Sc. degrees at Ben Gurion University of the Negev, D.Sc. at the Technion – Israel Institute of Technology, and conducted research at the University of Oxford (UK) as a Post-Doctoral Research Fellow and at Hewlett-Packard Research Laboratories in Palo Alto (USA) as a Visiting Scientist. His research focuses on bottom-up nanoscience and nanotechnology, nanoscale magnetic phenomena, surface science and scanning tunneling microscopy, and electronic structure and conduction mechanisms of amorphous oxide films.