

Vladimir Fal'ko is Research Director of the National Graphene Institute at the University of Manchester. He is one of the UK's leading condensed-matter theorists, who was responsible for many advances in the theory of localisation and quantum transport in mesoscopic systems, and who has made substantial contributions towards understanding of electronic and optical properties of graphene, including discovery of bilayer graphene, in 2006. Fal'ko's career, started with the PhD at the Institute for Solid State Physics RAS, includes postdoctoral experience at Max-Planck-Institut in Stuttgart and Oxford University, and 20 years of service at Lancaster University where his work has been marked by EPSC Advanced Fellowship, ERC Advanced Investigator Grant and Royal Society Wolfson Foundation Research Merit Award. Fal'ko played a pivotal role in building up the European research community in graphene and two-dimensional materials: by setting the 'Graphene Week' conference series and by being one of the organisers of the European Graphene Flagship Project, where he is leading the work package 'Enabling Science of Graphene and 2D Materials'. His current research interests include modelling of graphene-based electronic and optoelectronic systems and development of theories of electronic and optical properties of various atomically thin two-dimensional crystals and their heterostructures.

