

**Philip Moriarty** is a Professor of Physics and an Engineering & Physical Sciences Research Council (EPSRC) Fellow in the School of Physics and Astronomy, University of Nottingham. His [research interests](#) span a number of topical themes in nanometre scale science with a particular recent focus on single atom/molecule manipulation. In addition to his coordination of a number of European research networks (including, most recently, [ACRITAS](#)), he is currently a member of the Science Board of the Institute of Physics and Chair of the IOP Conferences Committee, and was Chair of the IOP Nanoscale Physics and Technology Group from 2009 – 2012 and a member of the EPSRC Strategic Advisory Team for Physics from 2005 – 2006. Moriarty has a keen interest in outreach activities and both science and higher education funding policy. In addition to participating in a number of research council-funded public engagement projects (including Giants of the [Infinitesimal](#)), he has interacted with national and international media (including *The Independent*, *The Guardian*, *Times Higher Education*, *BBC Radio 4*, *Die Zeit*, and *The Economist*) on these issues. He is also a regular contributor to Nottingham's [Sixty Symbols](#) YouTube project (which has, as of December 2013, attracted a little over 15 million views (across 225 videos)), [vents his spleen regularly](#) for the IOP physicsfocus blog, and was a participant in the [2013 Royal Society MP-Scientist pairing scheme](#). Although he does not share his infamous namesake's fascination with the binomial theorem, in his spare time Moriarty enjoys exploring the relationships between [mathematics/physics and music](#)