

## Brief curriculum vitae of Jeremy J. Ramsden

Received Bachelor's and Master's degrees from the University of Cambridge, England, and his doctorate from the Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland (for research on semiconductor nanoparticles), followed by a postdoctoral studentship at Princeton University, USA. Visiting scientist at the Central Research Institute for Physics (Hungarian Academy of Sciences, HAS), Budapest, the Biocentre (HAS, Institute of Biophysics), Szeged, and the Eidgenössische Technische Hochschule Zürich (ETHZ, Laboratory of Chemical Engineering), Switzerland. Working at the Biocentre (Institute of Biophysical Chemistry) and member of the Faculty of Natural Philosophy of Basel University, Switzerland 1994-2002. Professor and Chair of Nanotechnology at Cranfield University (UK) 2002-12. Research Director for Bionanotechnology, Cranfield University at Kitakyushu 2003-9. Founder member of the supervisory board of the *Integrated Nano Science & Technology Exchange* (INSCX) 2009-. Honorary Professor of Nanotechnology at the University of Buckingham 2012-; Honorary Professor of Bionanotechnology at the University of Buckingham 2024-. Sometime member of the *Nanotechnologies* Technical Committee of the International Organization for Standardization (ISO). Founder of several start-up companies developing advanced technologies for chemical and biological sensing (2013-). Author or coauthor of more than 350 research articles published in international refereed journals, has made a comparable number of conference presentations, is inventor or coinventor of four patents, has written or edited about a dozen books, encompassing mainly nanotechnology and bioinformatics but also including complexity, climate change and *Spiritual Motivation* (vols 1 & 2). Editor-in-chief of *Nanotechnology Perceptions: A Review of*

*Advanced Technologies and their Impacts* 2005-23; editor-in-chief of the *Journal of Biological Physics and Chemistry* 2001-. He has chaired several international conferences, mainly concerning biophysical phenomena at interfaces, and served as visiting professor in Argentina, France, Georgia, Hungary and Japan. Fellow of the Institute of Materials, Minerals and Mining, London (IoM<sup>3</sup>) and a IUPAC Fellow. Chair of the Resources Strategy Group (RSG) of IoM<sup>3</sup>.